



STIC Search Report

EIC 2600

STIC Database Tracking Number: 09/928684

TO: Mahmood Choobin

Location: KNX 09 D75

Art Unit : 2625

Tuesday, September 20, 2005

Case Serial Number: 09/928684

From: Paul Obiniyi

Location: EIC 2600

KNX 08 B55

Phone: 305-1836

paul.obiniyi@uspto.gov

Search Notes

Dear Examiner Choobin,

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul

RUSH SPE SIGNATURE _____

Access DB# 145-884

SEARCH REQUEST FORM
Scientific and Technical Information Center

EIC 2600

Requester's Full Name Darby Chodzin Examiner # 77677 Date 2/15/05
Art Unit 2625 Phone Number 2-7447 Serial Number 691925684
Office Location KNX 9075 Format preferred (circle) PAPER EMAIL BOTH

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Let us know what you already have and so do not need. Include the keywords, synonyms and meaning of acronyms. Define all terms that may have a specific meaning. Please attach a copy of the background, abstract, claims and other pertinent information.

Please state how the terms or keyword strings should relate to one another.

Title of the Invention _____

Inventor(s) _____

Earliest Priority date to be used _____

STAFF USE ONLY

Searcher Paul Obinj
Phone 27734
Location KNX OR BSS
Date picked up 09/20/05
Date completed 09/20/05
Search Prep/review 60
Online Time 180

TYPE of Search
Text
Litigation _____
Other _____

Databases Searched
Dialog
STN _____
QuestelOrbit _____
LEXIS/NEXIS _____
Courtlink _____
Other www-project, IP, RD

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	(coin same (center near4 coordinat\$4)) and radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/20 16:26
S1	85	(194/328).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 11:39
S2	1	"09/928684"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 10:57
S3	1	S2 and (coordinate same radius)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:00
S4	0	coin same shape same extraxt\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:01
S5	31	coin same shape same extract\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:06
S6	486	coin same radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:10
S7	1	S6 same threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:06
S8	13	S6 same imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:07
S9	260	coin near4 radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:32
S10	113	S9 same center	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:18
S11	37	S10 and (imag\$4 and threshold\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:12
S12	1637	(center near4 coordinat\$4) same radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:28
S13	8	S12 and coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:28
S14	10040	radius same coordinat\$3	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:32

S15	70	S14 and coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:32
S16	650	((194/328) or (194/302,318,334)). CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 13:53
S17	13	S16 and (center near2 coordinat\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:45
S18	4	S17 and radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:45
S19	486	radius same coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:46
S20	13	S19 same imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:56
S21	3	ceter same radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:56
S22	72763	center same radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:57
S23	711	S22 and coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:57
S24	316	S23 and imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:57
S25	0	S24 and threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 11:57
S26	215	S24 and threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 12:22
S27	1	("5538123").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 12:22
S28	0	S27 and radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 12:22
S29	0	S27 and density	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 12:22

S30	0	S27 and threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 12:22
S31	114	(359/798).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 13:53
S32	256	(194/317).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 13:53
S33	37	(194/303).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 13:54
S34	124	(194/302).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 13:54
S35	85	(194/328).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 13:54
S36	346	(194/334).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 13:54
S37	71	(902/7).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 13:54
S38	74	(73/169).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 13:54
S39	872	(73/159).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 13:55
S40	847	(356/71).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 13:55
S41	1968	(235/375).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 13:55

S42	148	(705/45).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/05 14:29
S43	0	(diameter same center same coordinat\$4) same coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 14:30
S44	3	(diameter same center same coordinat\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 14:32
S45	5	(diameter) and (center same coordinat\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 14:33
S46	0	S45 and coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 14:32
S47	5	(diameter\$3) and (center same coordinat\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/05 14:33
S48	3	imag\$4 same (money coin) same density same binar\$5 same threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/15 10:27
S49	88	density same histogram same binar\$5 same threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 11:19
S50	1	(density same histogram same binar\$5 same threshold\$4) and (money coin)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 11:27
S51	3	((coin money) near4 surface near5 imag\$4) same threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 11:33
S52	406	density same histogram same threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 11:34
S53	6	(density same histogram same threshold\$4) and (money coin)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 11:56
S54	200437	identify\$4 same (money coin) same based binary	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 11:38
S55	5	identify\$4 same (money coin) same based same binary	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 11:38
S56	1	("5784500").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/10/12 11:56

S57	1	(("5784500").PN.) and (money coin)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 11:56
S58	1	(("5784500").PN.) and threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 11:59
S59	1	(("5784500").PN.) and (density same threshold\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 12:01
S60	1	(("5784500").PN.) and (density same threshold\$4 same histogram)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 12:05
S61	1	(("5784500").PN.) and (binar\$4 near4 threshold\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 12:09
S62	1	(("5784500").PN.) and ((binar\$4 near4 threshold\$4) same (binari\$5 near4 imag\$4))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 12:12
S63	0	(("5784500").PN.) and identify\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 12:12
S64	0	(("5784500").PN.) and identifiy\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 12:12
S65	0	(("5784500").PN.) and identif\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 12:12
S66	1	(("5784500").PN.) and money	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 13:27
S67	1323	threshold\$4 same center same coordinat\$4 radius same coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 12:15
S68	1	threshold\$4 same center same coordinat\$4 same radius same coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 13:02
S69	2	center same coordinat\$4 same radius same coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 13:02
S70	2	radius same coordinat\$4 same coin same imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 13:28
S71	6	radius same coordinat\$4 same coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 13:33
S72	1	("5316119").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/10/12 13:33

S73	0	(("5316119").PN.) and imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 13:34
S74	1	(("5784500").PN.) and (illuminat\$5 light\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 13:35
S75	40	(coin money) near4 surface near5 imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 15:02
S76	4	(("6685000") or ("6484864") or ("6798900") or ("6529269")).PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/10/12 15:04
S77	1	"10/639368"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 15:06
S78	1	"10/474511"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 15:06
S79	1	"10/474510"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/10/12 15:06
S80	24	(density near4 histogram) same (binary near4 threshold)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 16:00
S81	1	((density near4 histogram) same (binary near4 threshold)) and (coin money)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 13:33
S82	22	(382/136).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/03 14:05
S83	161	(382/137).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/03 13:43
S84	182	((382/136).CCLS.) ((382/137). CCLS.)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 13:43
S85	1	(((382/136).CCLS.) ((382/137). CCLS.)) and ((density near4 histogram) same (binary near4 threshold))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 13:43
S86	1	(((382/136).CCLS.) ((382/137). CCLS.)) and (density same histogram same binar\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 13:44
S87	10	(((382/136).CCLS.) ((382/137). CCLS.)) and (density same binar\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 13:47

S88	3	identif\$4 same money same binary same imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 14:19
S89	2	coin same center same coordinat\$4 same radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 13:54
S90	6	coin same coordinat\$4 same radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 13:54
S91	1	((382/136).CCLS.) and (imag\$4 same coordinat\$4 same radius)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 14:07
S92	1543	imag\$4 same coordinat\$4 same radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 14:07
S93	37	(imag\$4 same coordinat\$4 same radius) and (coin token money)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 14:08
S94	3	identif\$4 same coin same binary same imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 15:02
S95	1	("5144495").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/03 15:02
S96	1	(("5144495").PN.) and background	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 15:59
S97	179	money same binar\$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 15:59
S98	2	(density near4 histogram) and (money same binar\$5)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 16:05
S99	12	shape same extraction same coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 16:16
S100	1	("6685000").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/03 16:12
S101	4	(radius near2 coin) and (coordinat\$4 near2 center near4 coin)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 16:17
S102	13	coordinat\$4 near2 center near4 coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 16:19

S10 3	192	radius near2 coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 16:23
S10 4	5	radius near2 coin same imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/03 16:24
S10 5	54	(radius near2 coin) and imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 12:02
S10 6	1	("5144495").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/04 12:02
S10 7	1	(("5144495").PN.) and threshold	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 13:29
S10 8	0	(("5144495").PN.) and histogram	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 12:13
S10 9	1199	density near4 histogram	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 12:13
S11 0	197	(density near4 histogram) same threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 12:14
S11 1	1	((density near4 histogram) same threshold\$4) same (coin money)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 12:14
S11 2	4	((density near4 histogram) same threshold\$4) and (coin money)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 15:09
S11 3	1	(("5144495").PN.) and bina\$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 13:31
S11 4	1	(("5144495").PN.) and (density intensity)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 13:34
S11 5	0	(("5144495").PN.) and (density)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 13:34
S11 6	1	("5784500").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/04 15:09
S11 7	1	(("5784500").PN.) and (histogram same threshold same edge)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 15:48

S11 8	1	(("5784500").PN.) and background	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 15:58
S11 9	1	(("5784500").PN.) and light\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 15:59
S12 0	0	(("5784500").PN.) and illuminant\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 15:59
S12 1	1	(("5784500").PN.) and imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:04
S12 2	0	(("5144495").PN.) and picture	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:04
S12 3	1	(("5144495").PN.) and imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:22
S12 4	22	threshold same center same coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:22
S12 5	1	threshold same center same coin same coordinat\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:23
S12 6	1	threshold same radius same coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:23
S12 7	3	radious same coordinat\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:23
S12 8	10043	radius same coordinat\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:29
S12 9	1637	radius same (center near4 coordinat\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:54
S13 0	8	(radius same (center near4 coordinat\$4)) and coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:24
S13 1	1	((radius same (center near4 coordinat\$4)) same threshold\$4) and coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:25
S13 2	54	(radius same (center near4 coordinat\$4)) same threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:46
S13 3	1546	(radius same coordinat\$4) same imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:29

S13 4	2	((radius same coordinat\$4) same imag\$4) same coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:30
S13 5	15	((radius same coordinat\$4) same imag\$4) and coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:30
S13 6	486	coin same radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:47
S13 7	1	((coin same radius) same imag\$4) same threshold	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:48
S13 8	1	(coin same radius) same threshold	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:48
S13 9	13	(coin same radius) same imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:48
S14 0	17	coin same (center near4 coordinat\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:56
S14 1	8	(coin same (center near4 coordinat\$4)) and threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 16:55
S14 2	8	(coin same (center near4 coordinat\$4)) and radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/20 16:26
S14 3	1519	coin near4 (processing identificat\$4 discriminat\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 17:03
S14 4	5	(coin near4 (processing identificat\$4 discriminat\$4)) and (radius same coordinat\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 17:14
S14 5	1	("5316119").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2004/11/04 17:14
S14 6	1	("5316119").PN.) and (radius same coordinat\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 17:17
S14 7	356	coin with radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 17:17
S14 8	1	(coin with radius) same threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 17:17
S14 9	14	(center near2 coordinat\$3) with coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 17:18

S15 0	1	((center near2 coordinat\$3) with coin) same imag\$4) same threshold\$3	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 17:19
S15 1	7	((center near2 coordinat\$3) with coin) same imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 17:22
S15 2	4	((center near2 coordinat\$3) with coin) same imag\$4) and threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 17:19
S15 3	5	(coin with radius) same imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 17:23
S15 4	66	(coin with radius) and imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 17:24
S15 5	1	((center near2 coordinat\$3) with coin) same imag\$4) and radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/11/04 17:30
S15 6	0	center near1 coorniat\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/13 16:23
S15 7	6546	center near1 coordinat\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/13 16:23
S15 8	14	S157 same coin	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/13 16:42
S15 9	1	S158 same radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/13 16:45
S16 0	7	S157 same coin same imag\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/13 16:51
S16 1	1	S160 same threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/13 16:47
S16 2	1	S160 and radius	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/13 16:50
S16 3	1	("5784500").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2005/09/13 16:51
S16 4	1	S163 and center	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/13 16:51
S16 5	0	coin same (ceneter near1 coordinat\$4) same threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/15 10:28

S16 6	1	coin same (center near1 coordinat\$4) same threshold\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/09/15 10:29
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? show files; ds; save temp; logoff hold
File 348:EUROPEAN PATENTS 1978-2005/Sep W02
(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050915,UT=20050908
(c) 2005 WIPO/Univentio

Set	Items	Description
S1	51216	MONEY OR MONIES OR COIN? ? OR CURRENC?
S2	1491	S1(7N) (CENTER OR DIAMETER? OR RAD??? OR COORDINAT?)
S3	638220	(IMAGE?? OR PICTURE?? OR JPEG?? OR PHOTO?? OR GIF?? OR VID- EO OR PHOTOGRAPH??)
S4	1552823	THRESHOLD OR THRES()HOLD OR LIMIT? OR BOUNDAR? OR RANGE OR (REFERENCE?? OR PREDETERMI??? OR PRE()DETERMI??? OR DETERMIN- ???) (3W) (VALUE? OR PARAMETER? OR MEASUR?)
S5	148923	S4 (7N) (CALCULAT? OR COMPUT? OR ADD? OR SUM?)
S6	558352	HISTOGRAM? ? OR CHART? ? OR BAR? ? OR GRAPH? ?
S7	7215	S6 (7N) DENSIT?
S8	5225	S1(7N) (DETECT? OR IDENTIF? OR RECOGNI? OR DETERMIN? OR EV- ALUAT? OR ASCERTAIN? OR CONFIRM? OR VERIF?)
S9	682	S1(7N) (BACKGROUND OR BACK()GROUND)
S10	22	AU=(SUGATA, M? OR SUGATA M?)
S11	27220	IC=G06K?
S12	0	S11 AND S10
S13	312	S8 AND S11
S14	10	S13(S)S2
S15	87	S13(S)S4
S16	10	S15(S)S6
S17	7	S16 NOT S14
S18	67	S13(S)S3
S19	24	S18(S)S4
S20	6	S19(S)S6
S21	0	S20 NOT (S17 OR S14)

14/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01291329

Method and apparatus for discriminating and counting documents
Verfahren und Apparat zum Unterscheiden und Zählen von Dokumenten
Procede et appareil pour identifier et compter des documents
PATENT ASSIGNEE:

CUMMINS-ALLISON CORPORATION, (608580), 891, Freehanville Drive, Mount Prospect, Illinois 60056, (US), (Applicant designated States: all)

INVENTOR:

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PATENT (CC, No, Kind, Date): EP 1107167 A1 010613 (Basic)

APPLICATION (CC, No, Date): EP 2001106346 950308;

PRIORITY (CC, No, Date): US 207592 940308; US 219093 940329; US 226660 940412; US 243807 940516; US 287882 940809; US 317349 941004; US 340031 941114; US 362848 941222; US 394752 950227; US 399854 950307

DESIGNATED STATES: BE; DE; FR; GB; IT; NL

RELATED PARENT NUMBER(S) - PN (AN):

EP 749611 (EP 95913629)

INTERNATIONAL PATENT CLASS: G06K-009/00; G06K-007/10; G07D-007/00; G07D-007/20

ABSTRACT WORD COUNT: 166

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200124	1143
SPEC A	(English)	200124	69564
Total word count - document A			70707
Total word count - document B			0
Total word count - documents A + B			70707

...SPECIFICATION bill.

Some of the above described techniques and apparatus as tailored to scanning U.S. **currency** are more fully disclosed in United States Patent No. 5,295,196, for a "Method..."

...the forward direction along a segment 1 inch (2.54 cm) to the left of **center** along the top face of a bill while it may be desirable to scan British pounds along a segment 1.5 inches (3.81 cm) to the right of **center**. To provide a system capable of scanning along a plurality of laterally displaced segments, the...to zero.

given set of bills that have been scanned for a given scan batch, and to **determine** the aggregate total of the **currency** amount represented by the bills scanned during a scan batch. The CPU 30 is also...

...the CPU 30 is programmed to count the number of bills belonging to a particular **currency** denomination whose genuineness has been **verified** as part of a given set of bills that have been scanned for a given scan batch, and to **determine** the aggregate total of the **currency** amount represented by the bills scanned during a scan batch.

Referring now to FIGs. 7a...sensor output voltage and hold the highest, i.e., peak, voltage value encountered after the **detector** has been enabled. For U.S. **currency**, the peak **detector** is also adapted to define a scaled voltage on the basis of which the printed borderline on the **currency** bills is **detected**. The output of the peak detector 50 is fed to a voltage divider 54 which...or the generation of a \$2 "denomination" code at step 122.

One problem encountered in **currency recognition** and counting systems is the difficulty involved in interrupting (for a variety of reasons) and...

...scanning and counting procedure as a stack of bills is being scanned. If a particular **currency recognition** unit (CRU) has to be halted in operation due to a "major" system error, such...

...on a variety of monitored parameters) or a "no call" (a bill which is not **identifiable** as belonging to a specific **currency** denomination based on the plurality of stored master patterns and/or other criteria), it is...

...without any disruption of the recognition/counting process.

Since the bill processing speeds at which **currency recognition** systems must operate are substantially high (speeds of the order of 800 to 1500 bills...).

...endless loop of "no calls."

The above problems are solved by the use of a **currency detecting** and counting technique whereby a scanned bill identified as a "no call" is transported directly...

14/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00840062

MEDIUM PROCESSOR AND MEDIUM PROCESSING METHOD
MEDIUM-PROZESSOR UND MEDIUM-VERARBEITUNGSVERFAHREN
PROCESSEUR DE SUPPORTS ET PROCEDE DE TRAITEMENT DE SUPPORTS
PATENT ASSIGNEE:

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Kawasaki-shi, Kanagawa 211, (JP), (applicant designated states:
DE;FR;GB)

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KIJIMA, Yoshiyuki Fujitsu Terminal Systems, Limited 8-3, Tonyamachi
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1-chome Maebashi-shi, Gunma 371, (JP)
MACHIDA, Yasutaka Fujitsu Terminal Systems, Limited 8-3, Tonyamachi
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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 790573 A1 970820 (Basic)
EP 790573 A1 980325
WO 9705561 970213

APPLICATION (CC, No, Date): EP 96925139 960730; WO 96JP2150 960730

PRIORITY (CC, No, Date): JP 95194851 950731; JP 95194852 950731; JP
95195626 950731

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06K-009/20;

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9708W3	8419
SPEC A	(English)	9708W3	49788
Total word count - document A			58207
Total word count - document B			0
Total word count - documents A + B			58207

...SPECIFICATION In this instance, the emphasis display portion 613 of the
item 612 of "amount of **money** ((Yen)4,321)" can be **determined** uniquely
by defining start position coordinates (320, 180) and end position
coordinates (420, 200) as...

...are coordinates indicated at the "No. 7 Start" corresponding to the
"title 4 (amount of **money**)", and the end position **coordinates** (420,
200) are coordinates indicated at the "No. 7 End" corresponding to the
"title 4 (amount of **money**)".

Then, if the start position **coordinates** (320, 180) of the emphasis display portion 613 are changed to (360, 180) as seen...

14/3, K/3 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01087985 **Image available**

SYSTEM AND METHOD FOR PROCESSING CURRENCY BILLS AND DOCUMENTS BEARING
BARCODES IN A DOCUMENT PROCESSING DEVICE

SYSTEME ET PROCEDE DE TRAITEMENT DE BILLETS DE BANQUE ET DE DOCUMENTS
PORTANT DES CODES A BARRES DANS UN DISPOSITIF DE TRAITEMENT DE
DOCUMENTS

Patent Applicant/Assignee:

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, US (Residence), US (Nationality)

Inventor(s):

JONES William J, 280 Poteet Avenue, Barrington, IL 60010, US,
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HALLOWELL Curtis W, 1417 E. Reynolds Drive, Palatine, IL 60067, US,
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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200410367 A1 20040129 (WO 0410367)

Application: WO 2003US19790 20030623 (PCT/WO US03019790)

Priority Application: US 2002205144 20020723

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 28888

Fulltext Availability:

Claims

Claim

... in a variety of ways but the preferred method is a sorting based on
the **diameter** of the **coins**. When a non-authenticated **coin** is
determined by the **coin** processing module 1048, it is directed through
a coin reject tube 1054 towards the dispensed...

...relating to the demands for particular types of coin receptacles and
information about the substitute **currency** media **detected** by the
document processing devices I 1 00a-n. hi alternate embodiments, the
computer network...

...In step 1204, the media detector provides a signal representative of whether a valid substitute **currency** medium was **detected**. For example, if the barcode reader provides a "good read" signal in response to scanning...

...selected or operator-defined output receptacle at step 1212. The document processing device can also **determine** the denomination of the **currency** bill, and transport the first document to the appropriate output receptacle according to operator-specified...

...into an output receptacle, and resume operation. In another embodiment, the operator may, upon inspection, **determine** information about the unacceptable substitute **currency** medium, such as the information described above. Returning to step 1214, if the document processing...
...in media processed); the total number of unidentified documents--i.e., documents which were neither **determined** to be a **currency** bill nor a valid substitute currency medium, such as a blank piece of paper for...

...stored in a memory location at step 1306. At step 1308, if a document is **determined** to be an authentic **currency** bill, the value of the **currency** bill is added to the value of all authentic...

...consideration is an authentic currency bill at step 1322. If the document is an authentic **currency** bill, the bill's denomination is **determined** and, at step 1326, the value of the bill is added to a running total of the value of **currency** bills processed. If the document is **determined** not to be an authentic **currency** bill, the document processing device checks whether the document is a valid substitute currency medium...

...in the specific case where the substitute currency media are barcoded tickets, a valid substitute **currency** medium is **detected** when a media detector successfully decodes the barcode patterns imprinted on the barcoded ticket into...

...co-pending U.S. Patent Application Serial No. 09/635,181, entitled "Method of Creating **Identifiable** Smaller Stacks of **Currency** Bills Within a Larger Stack of **Currency** Bills," and U.S. Patent Application Serial No...

14/3,K/4 (Item 2 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00999932 **Image available**
SYSTEM AND METHOD FOR PROCESSING CURRENCY BILLS AND SUBSTITUTE CURRENCY MEDIA IN A SINGLE DEVICE
SYSTEME ET PROCEDE DE TRAITEMENT DE TRAITES EN MONNAIES ETRANGERES ET DE SUPPORTS SUBSTITUANTS DE MONNAIES ETRANGERES MIS EN OEUVRE DANS UN SEUL DISPOSITIF

Patent Applicant/Assignee:
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HALLOWELL Curtis W, 1417 E. Reynolds Drive, Palatine, IL 60067, US,
Legal Representative:

RUDISILL Stephen G (et al) (agent), Jenkens & Gilchrist, 225 West
Washington Street, Suite 2600, Chicago, IL 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200329913 A2-A3 20030410 (WO 0329913)

Application: WO 2002US25662 20020813 (PCT/WO US0225662)

Priority Application: US 2001967232 20010928

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GO GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 21908

Fulltext Availability:

Claims

Claim

... and the device 700 is programmed to halt or suspend operation when a non-genuine **currency** bill or invalid substitute **currency** medium is **detected** by the **evaluation** region of the device 700. In one embodiment, the control unit 716 may include denomination...the information described above in connection with FIGS. 2 Document processing device coupled to a **coin** sorting device In another embodiment, the **evaluation** region 104 shown and described in connection with FIGS. 1a and 1b may be employed...in a variety of ways but the preferred method is a sorting based on the **diameter** of the **coins**. When a non-authenticated **coin** is **determined** by the **coin** processing module 1048, it is directed through a coin reject tube 1054 towards the dispensed...relating to the demands for particular types of coin receptacles and information about the substitute **currency** media **detected** by the document processing machines 1100a-n. In alternate embodiments, the computer network 1192 may...step 1204, the media 30 detector provides a signal representative of whether a valid substitute **currency** medium was **detected**. For example, if the barcode reader provides a "good read" signal in response to scanning...selected or operator-defined output receptacle at step 1212. The document processing device can also **determine** the denomination of the **currency** bill, and transport the first document to the appropriate output receptacle according to operator-specified output receptacle if the **currency** detector **determines** that the **currency** bill is not properly oriented. In another embodiment, steps 1208 and 1202 are reversed, such...into an output receptacle, and resume operation. In another embodiment, the operator may, upon inspection, **determine** information about the unacceptable substitute **currency** medium, such as the information described above. Returning to step 1214, if the document processing...in media processed); the total number of unidentified documents--i.e., documents which were neither **determined** to be a **currency** bill nor a valid substitute currency medium, such as a blank piece of paper for...

stored in a memory location at step 1306. At step 1308, if a document is determined to be an authentic currency bill, the value of the currency bill is added to the value of all authentic...

14/3,K/5 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00510343 **Image available**

**SOFTWARE LOADING SYSTEM FOR AN AUTOMATIC FUNDS PROCESSING SYSTEM
SYSTEME DE CHARGEMENT DE LOGICIELS, DESTINE A UN SYSTEME DE TRAITEMENT
AUTOMATIQUE DE FONDS**

Patent Applicant/Assignee:

CUMMINS-ALLISON CORP,

Inventor(s):

MAZUR Richard A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9941695 A1 19990819

Application: WO 99US2616 19990208 (PCT/WO US9902616)

Priority Application: US 9822431 19980212

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN
TD TG

Publication Language: English

Fulltext Word Count: 55707

Fulltext Availability:

Detailed Description

Detailed Description

... of coin, and thus it is not necessary to process the sensor output signals to determine the coin denomination.

The effective fields of the sensors SI-S6 are all allocated just outboard of the radius at which the outer edges of all coin denominations are gaged before they reach the exit channels 1527-1532, so that each sensor detects only the coins which enter its exit channel and does not detect the coins which bypass that exit channel.

Only the largest coin denomination (e.g., U.S. half...

14/3,K/6 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00492249 **Image available**

CURRENCY EVALUATION AND RECORDING SYSTEM

SYSTEME D'EVALUATION ET D'ENREGISTREMENT D'EFFETS MONETAIRES

Patent Applicant/Assignee:

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Inventor(s):

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JONES William J,
MENNIE Douglas U,
CSULITS Frank M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9923601 A1 19990514
Application: WO 98US18081 19980831 (PCT/WO US9818081)
Priority Application: US 97962080 19971031

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA DE ES GB AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English

Fulltext Word Count: 18481

Fulltext Availability:

Detailed Description

Detailed Description

... THE PREFERRED EMBODIMENTS

Referring to the drawings, FIG. 1a shows a block diagram of a **currency evaluation** and recording system 10 according to one embodiment of the present invention. A microprocessor 12 controls the overall operation of the **currency evaluation** and recording system 10. An encoder 14 may be used to provide input to the...

...a drive shaft 16, which operates a transport mechanism (not shown) conveying documents through the **currency evaluation** and recording system 10. It should be noted that the detailed construction of the transport...

...allows the microprocessor to calculate the position of documents conveyed through the device 10 and **coordinate** the timing of various operations of the **currency evaluation** and recording system 10.

An input receptacle or "hopper" 18 is provided for receiving a...

14/3,K/7 (Item 5 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00456636 **Image available**

IMAGE PROCESSING NETWORK

RESEAU DE TRAITEMENTS D'IMAGES

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Inventor(s):

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JONES William J,
JONES Paul A,
MENNIE Douglas U,
GAFRON Ronald M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9847100 A1 19981022
Application: WO 98US7443 19980413 (PCT/WO US9807443)
Priority Application: US 9743516 19970414

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GM GW
HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO
NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS
MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 62652

Fulltext Availability:

[Detailed Description](#)

[Detailed Description](#)

... The effective fields of the sensors SI -S6 are all located just outboard of the **radius** at which the outer edges of all **coin** denominations are gaged before they reach the exit channels 1527-1532, so that each sensor detects only the coins which enter its exit channel and does not **detect** the **coins** which bypass that exit channel. Only the largest coin denomination (e.g., U.S. half...

14/3,K/8 (Item 6 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00450375 **Image available**

AN AUTOMATED DOCUMENT PROCESSING SYSTEM USING FULL IMAGE SCANNING
SYSTEME AUTOMATISE DE TRAITEMENT DE DOCUMENTS A LECTURE OPTIQUE PLEIN CADRE
Patent Applicant/Assignee:

CUMMINS-ALLISON CORP,

Inventor(s):

JONES John E,

JONES William J,

MENNIE Douglas U,

JONES Paul A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9840839 A2 19980917

Application: WO 98US4664 19980311 (PCT/WO US9804664)

Priority Application: US 97814978 19970311

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GM GW
HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO
NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS
MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 66302

Fulltext Availability:

[Detailed Description](#)

[Detailed Description](#)

... The effective fields of the sensors SI -S6 are all located just outboard of the **radius** at which the outer edges of all **coin** denominations are gaged before they reach the exit channels 1527-1532, so that each sensor detects only the coins which enter its exit channel and does not **detect** the **coins** which bypass that exit channel. Only the largest coin denomination (e.g., U.S. half...

14/3,K/9 (Item 7 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00402990 **Image available**

AUTOMATIC FUNDS PROCESSING SYSTEM

SYSTEME AUTOMATIQUE DE TRAITEMENT DE FONDS

Patent Applicant/Assignee:

CUMMINS-ALLISON CORP,

Inventor(s):

MENNIE Douglas U,

JONES William J,

MUNRO Mark C,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9743734 A1 19971120

Application: WO 97US8000 19970509 (PCT/WO US9708000)

Priority Application: US 96664262 19960513

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG UZ VN YU GH KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 52659

Fulltext Availability:

Detailed Description

Detailed Description

... The effective fields of the sensors SI S6 are all located just outboard of the **radius** at which the outer edges of all **coin** denominations are gaged before they reach the exit channels 1527-1532, so that each sensor detects only the coins which enter its exit channel and does not **detect** the **coins** which bypass that exit channel. Only the largest coin denomination (e.g., U.S. half...

14/3,K/10 (Item 8 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00335661 **Image available**

COIN OR SIMILAR LEGAL TENDER WITH AN ELECTROMAGNETIC COMPONENT AND METHOD FOR MANUFACTURING SAME

PIECE DE MONNAIE OU MONNAIE LEGALE DOTEE D'UN COMPOSANT MAGNETIQUE ET SON PROCEDE DE FABRICATION

Patent Applicant/Assignee:

DE NEDERLANDSE MUNT N V,

MOOIJ Andreas Maria,

Inventor(s):

MOOIJ Andreas Maria,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9618173 A2 19960613

Application: WO 95EP4885 19951206 (PCT/WO EP9504885)
Priority Application: NL 942051 19941206
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 2227

Fulltext Availability:

[Detailed Description](#)

[Detailed Description](#)

... response to an electromagnetic inquiry field of the slot machine a high-frequency, for instance **radio** frequency (RF), signal is generated by the **coin** , wherein the frequency depends for instance on the **coin** denomination, accurate **detection** of the **coin** in a slot machine can be carried out relatively easily while avoiding drastic changes in...

?

17/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01882077

Determination of text-discriminating characteristics in digital images

Bestimmung von textbeschreibenden Eigenschaften in Digitalbildern

Determination de caracteristiques textuelles de pixels

PATENT ASSIGNEE:

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INVENTOR:

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Laurent, Christophe, 3 rue des Fraiches, 35630 Vignoc, (FR)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1522951 A1 050413 (Basic)

APPLICATION (CC, No, Date): EP 2004077715 040917;

PRIORITY (CC, No, Date): FR 0311918 031010

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK

INTERNATIONAL PATENT CLASS: G06K-009/20; H04N-001/40

TRANSLATED ABSTRACT WORD COUNT: 86

ABSTRACT WORD COUNT: 104

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): French; French; French
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(French)	200515	730
SPEC A	(French)	200515	5742
Total word count - document A			6472
Total word count - document B			0
Total word count - documents A + B			6472

...SPECIFICATION lignes une position d'un pixel pour la premiere
realisation ;
- la figure 5 est un **graphe** presentant des gradients accumules
horizontalement en des pixels de l'image dans un intervalle vertical...

...figure 7 est un algorithme du procede pour determiner des
caracteristiques textuelles basees sur une **detection** de **coins** de
caracteres de l'image selon une deuxieme realisation preferee de
l'invention.

Un systeme...

17/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00453769

OPTIMAL ERROR-DETECTING AND ERROR-CORRECTING CODE AND APPARATUS

KODE UND VORRICHTUNG FUR OPTIMALE FEHLERDETEKTION UND -VERBESSERUNG

CODE ET APPAREIL POUR LA DETECTION ET LA CORRECTION OPTIMALES D'ERREURS

PATENT ASSIGNEE:

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(US), (applicant designated states: DE;FR;GB;IT;NL)

INVENTOR:

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VAN HAAGEN, Ernst, 175 West 72nd Street Apartment PHF, New York, NY 10023
, (US)

LEGAL REPRESENTATIVE:

Hackett, Sean James (55261), MARKS & CLERK, 57-60 Lincoln's Inn Fields,
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PATENT (CC, No, Kind, Date): EP 506680 A1 921007 (Basic)
EP 506680 A1 930526
EP 506680 B1 971229
WO 9106068 910502

APPLICATION (CC, No, Date): EP 90916908 901010; WO 90US5644 901010

PRIORITY (CC, No, Date): US 420101 891011

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G06K-007/10; G06K-019/06;

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9712W3	1368
CLAIMS B	(German)	9712W3	1146
CLAIMS B	(French)	9712W3	1661
SPEC B	(English)	9712W3	58490
Total word count - document A			0
Total word count - document B			62665
Total word count - documents A + B			62665

...SPECIFICATION Limited access may be provided for individuals and small businesses to utilize the government's **currency** information system data bank for **verification** purposes. If a **bar** code reading device is not present on a telephone, the authenticity of **currency**, etc., could still be **verified**, using a normal telephone's keys or dial, by keying or dialing the normally printed serial number, which is printed along with the **bar** coded representation, into the telephone. **Bar** codes would not be required for serial numbers keyed or dialed in, but this usage provides another application for data banks started for **bar** code ID information systems.

Verification and other information transfer may be accomplished between remote locations...

17/3,K/3 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01085539 **Image available**

RECOGNITION OF BANKNOTE DENOMINATIONS IN AUTOMATIC MONEY PROCESSING
RECONNAISSANCE DE DENOMINATIONS DE BILLETS DE BANQUE DANS LE CADRE DU
TRAITEMENT AUTOMATIQUE D'ARGENT

Patent Applicant/Assignee:

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(Residence), IL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Residence), IL (Nationality), (Designated only for: US)
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(Nationality), (Designated only for: US)
KUGEL Alexander, 22B Nizza Boulevard, Apt. 26, 42262 Netanya, IL, IL
(Residence), IL (Nationality), (Designated only for: US)
STERKIN Alexander, 29 Weizmann Street, 76282 Rehovot, IL, IL (Residence),
IL (Nationality), (Designated only for: US)
POTIKHA Lev, 10 Bareket Street, 49517 Petach Tikva, IL, IL (Residence),
IL (Nationality), (Designated only for: US)
SLEPYAN Edward, 96 Gilboa Street, 44851 Alfey Menashe, IL, IL (Residence)
, IL (Nationality), (Designated only for: US)
ZAKHAROV Michael, 8 Yona Hanavi Street, 63302 Tel-Aviv, IL, IL
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Legal Representative:

SANFORD T COLB & CO (agent), P.O. Box 2273, 76122 Rehovot, IL,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200408380 A1 20040122 (WO 0408380)
Application: WO 2003IL567 20030709 (PCT/WO IL03000567)
Priority Application: US 2002395086 20020710

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11556

Fulltext Availability:

Detailed Description

Detailed Description

... subsys5 tem (3 8).

Reference is now made to Fig. 4, which is a flow **chart** that
schematically illustrates a method used by the workstation (40) (Fig. 1)
in generating discriminators...

...as black and white binary masks. It will be understood that although
components of the **currency identification** apparatus (10) (Fig. 1),
are referred to herein for clarity of presentation, the method is not
limited to the **currency identification** apparatus (10), and may be
used with many different types of **currency identification** apparatus.

The method begins at initial step (I 14), where a training set of sample
...

00774559 **Image available**

CURRENCY HANDLING SYSTEM EMPLOYING AN INFRARED AUTHENTICATING SYSTEM
SYSTEME DE TRAITEMENT DE PAPIER MONNAIE FAISANT INTERVENIR UN SYSTEME
D'AUTHENTIFICATION A INFRAROUGE

Patent Applicant/Assignee:

CUMMINS-ALLISON CORP, 891 Feehanville Drive, Mount Prospect, IL 60056, US
, US (Residence), US (Nationality)

Inventor(s):

MENNIE Douglas U, 229 Wood Street, Barrington, IL 60010, US
CSULITS Frank M, 18192 W. Banbury Drive, Gurnee, IL 60031, US
WATTS Gary P, 930 Lee Court, Buffalo Grove, IL 60089, US
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Legal Representative:

RUDISILL Stephen (et al) (agent), Jenkens & Gilchrist, 1445 Ross Avenue,
Suite 3200, Dallas, TX 75202-2799, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200108108 A2-A3 20010201 (WO 0108108)

Application: WO 2000US20276 20000726 (PCT/WO US0020276)

Priority Application: US 99145614 19990726

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 26561

Fulltext Availability:

Claims

Claim

... 36 for receiving a stack of currency bills to be processed. The processing may include **evaluating**, denominating, authenticating, and/or counting the **currency** bills. In addition to handling currency bills, the currency handling system 10 may be designed to accept and process other documents including but not **limited** to stamps, stock certificates, coupons, tickets, checks and other identifiable documents. Bills placed in the...linked to the bill transport mechanism 3 8 provides input to the processor 54 to **determine** the timing of the operations of the **currency** 5 handling system 10. In this manner, the CPU is able to monitor the precise...

...in evaluating test bills, based on expected numerical values associated with the currency or a **range** of numerical values defining upper and lower **limits** of acceptability. The thresholds may be associated with various sensitivity levels. The master information may...for example, evaluated, analyzed, authenticated, discriminated, counted and/or otherwise processed. The two-pocket document **evaluation** devices move the **currency** bills in seriatim from the bottom of a stack of bills along the curved guideway...upper position, bills proceed in the

17/3, K/5 (Item 3 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00348344 **Image available**

INTELLIGENT CARD READER HAVING EMULATION FEATURES
LECTEUR DE CARTE INTELLIGENT A CARACTERISTIQUES D'EMULATION

Patent Applicant/Assignee:

CYBERMARK INC,

Inventor(s):

RENNER G Fred,

JOHNSON Randall E,

CHU-JENQ Caroline,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9630857 A1 19961003

Application: WO 96US3636 19960322 (PCT/WO US9603636)

Priority Application: US 95495 19950331

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE
KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU
TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 11477

Fulltext Availability:

Claims

Claim

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. IA shows a conventional library computer system which uses **bar** code technology to keep track of books checked out by library patrons. FIG. IB shows...smart card 215 into either a Wiegand effect signal, a magnetic stripe signal, or a **bar** code signal, circuitry is shown in FIG. 2 for implementing all three types of emulated...magnetic stripe output terminal 213 is provided for emulating a magnetic stripe signal, and a **bar** code output terminal 214 is provided for emulating a **bar** code signal. One of ordinary skill in the art will recognize that preferably only one...each pair of wires typically corresponding to a data/clock combination. A description of the **bar** code emulation features of the present invention will now be provided. Generally speaking, there are two classes of **bar** code reading device: "wands" and 'scanners". A **bar** code wand is a device which reads **bar** code symbols as a wand is dragged across the **bar** code; thus, the code is read once and the speed at which the code output is generated depends on the speed at which the wand is dragged across the **bar** code. A **bar** code scanner, in contrast, generates a scanning laser beam which repeatedly "scans" across the **bar** codes and reads the codes multiple times to "lock on" to the code. The speed at which the **bar** code signal is generated depends on the scanning frequency of the laser beam. The output of a 'scanning" **bar** code reader is typically an ASCII character stream of the form:

< SOT > < ASCII TEXT > < EOT...>

...code from smart card 215 (which code corresponds to a code previously

stored on a **bar** coded card such as a library card), microcontroller 200 converts this code into a serial...

...terminal 214, which is preferably coupled to an external device which expects to receive a **bar** code signal in this format.

To implement a **bar** code "wand" capability, a clock and data output through ...be used, such that pulses corresponding to the swipe - 13 of a wand over a **bar** code are generated. The generation of this type of pulses is well known in the...convert a given data item to a magnetic stripe signal, Wiegand effect signal, or a **bar** code compatible signal as described above.

REPROGRAMMING CAPABILITY

The present invention contemplates an ...used to purchase items from the machine.

One of ordinary skill in the art will **recognize** how control signals corresponding to the proper **coin** amount can be generated by microcontroller 700 for the particular vending machine controller. These vending...

17/3,K/6 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00194427 **Image available**

METHOD AND APPARATUS FOR CURRENCY DISCRIMINATION AND COUNTING

METHODE ET APPAREIL PERMETTANT D'IDENTIFIER ET DE COMPTER DES BILLETS DANS DIVERSES MONNAIES

Patent Applicant/Assignee:

CUMMINS-ALLISON CORP,

Inventor(s):

RATERMAN Donald E,
GRAVES Bradford T,
STROMME Lars R,
BAUCH Aaron M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9111778 A1 19910808

Application: WO 91US283 19910114 (PCT/WO US9100283)

Priority Application: US 90111 19900205

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BE CA CH DE DK ES FR GB GR IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 14494

Fulltext Availability:

Detailed Description

Detailed Description

... foregoing

optical sensing and correlation procedure,
The optical sensing and correlation technique
described above permits **identification** of pre-programmed
currency denominations with a high degree of accuracy and
is based upon a relatively low processing...

17/3,K/7 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT
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00188724 **Image available**

OPTIMAL ERROR-DETECTING AND ERROR-CORRECTING CODE AND APPARATUS
CODE ET APPAREIL POUR LA DETECTION ET LA CORRECTION OPTIMALES D'ERREURS

Patent Applicant/Assignee:

CIAS INC,

Inventor(s):

STORCH Leonard,

VAN HAAGEN Ernst,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9106068 A1 19910502

Application: WO 90US5644 19901010 (PCT/WO US9005644)

Priority Application: US 89101 19891011

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BE CA CH DE DK ES FR GB GR IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 77432

Fulltext Availability:

Detailed Description

Detailed Description

... comprises examining a proposed message prior to encoding it into a bar code symbol to detect the possibility of the proposed 4 message owing a short-rea to occur; w...In accordance with another aspect of the invention, a method is provided for reading a bar code comprising scanning the bar code along different portions

Z:P Cp

sufficient for each scan to obtain the information represented from the bar code, comparing the information obtained from the scans, and, if the result of this comparison is the same, providing the information represented by the bar code.

In accordance with another aspect of the invention, a method is provided for confirming the accuracy of a bar code reading by comparing two or more received

Z:P @

reflections from a bar code from two or more beams such as laser beams, the two or more beams...

...to each other, or a refractive element, and and may be used for scanning a bar code. Comparison of information obtained from more than one scans may be performed to improve...and white stripes.

Because printing and reading flaws are to be expected, the requirements of bar code printing and reading apparatus should be limited to (1) creating an image of a bar code, (2) sensing the bar code in order to discern the black stripes from white, and (3) to providing information ...

...thin, 1x, or thick, 2x. These three functions are the minimal requirements of printing and bar code reading devices. To require more of printing and reading may introduce more error into...

?

? show files; ds; save temp; logoff hold
File 256:TecInfoSource 82-2005/Sep
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Set	Items	Description
S1	4132	MON??? OR COIN? ? OR CURRENC?
S2	40	S1(7N) (CENTER OR DIAMETER? OR RAD??? OR COORDINAT?)
S3	9591	(IMAGE?? OR PICTURE?? OR JPEG?? OR PHOTO?? OR GIF?? OR VID- EO OR PHOTOGRAPH??)
S4	8205	THRESHOLD OR THRES()HOLD OR LIMIT? OR BOUNDAR? OR RANGE OR (REFERENCE?? OR PREDETERMI??? OR PRE()DETERMI??? OR DETERMIN- ???) (3W) (VALUE? OR PARAMETER? OR MEASUR?)
S5	595	S4(7N)(CALCULAT? OR COMPUT? OR ADD? OR SUM?)
S6	2083	HISTOGRAM? ? OR CHART? ? OR BAR? ? OR GRAPH? ?
S7	8	S6(7N)DENSIT?
S8	69	S1(7N)(DETECT? OR IDENTIF? OR RECOGNI? OR DETERMIN? OR EV- ALUAT? OR ASCERTAIN? OR CONFIRM? OR VERIF?)
S9	4	S1(7N)(BACKGROUND OR BACK()GROUND)
S10	0	AU=(SUGATA, M? OR SUGATA M?)
S11	4	S2(S)S3
S12	4	RD (unique items)
S13	4	S12 NOT PY>2000
S14	1	S2(S)S4
S15	0	S14 NOT S13
S16	1	S2(S)S6
S17	1	S16 NOT S13
S18	0	S17(S)S8
S19	2	S9(S)S3
S20	2	S19 NOT S13

13/3,K/1

DIALOG(R) File 256:TecInfoSource
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00154681 DOCUMENT TYPE: Review

PRODUCT NAMES: Search Engines (838403); Search Tools (813585)

TITLE: Search For Tomorrow

AUTHOR: Claburn, Thomas

SOURCE: Information Week, n1032 p45(4) Mar 28, 2005

ISSN: 8750-6874

HOMEPAGE: <http://www.informationweek.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

REVISION DATE: 20050700

...information. The aim is to extract information from databases, Web pages, documents, or audio and **video** clips automatically, to recognize the names of people, places, organizations, dates, and dollar quantities, and...

...Google interface. Google is also developing algorithms that are capable of analyzing audio files and **video** clips. Government funding for technology with intelligence and security applications is high. A startup working...

...product can make searching a part of a user workflow. User Gerry Louw, CIO of **Video** Monitoring Services, says the Autonomy software is used to search about 75,000 hours of TV and **radio** newscasts each **month**, and to also filter it for clips pertinent to customers. IBM will use documents as ...

13/3,K/2

DIALOG(R) File 256:TecInfoSource
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00148241 DOCUMENT TYPE: Review

PRODUCT NAMES: WireDrive (184403)

TITLE: If You Build It, Clients will Come: IOWA's WireDrive Review and...

AUTHOR: Fritz, Mark

SOURCE: eMedia, v16 n7 p13(4) Jul 2003

ISSN: 1525-4658

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20031030

...part of the online world. According to experts, production companies can save a lot of **money** just by **coordinating** their efforts through a standard Web browser. IOWA just launched its product WireDrive, a client...

...when on the road. WebDrive offers custom-tailored services for a production business's brand **image**. Producers, assistants, freelancers, and clients simply log into WireDrive to view a project and its...

13/3, K/3

DIALOG(R)File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

00143031 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Encarta (450189)

TITLE: Double-Checking Your Facts

AUTHOR: Goldsborough, Reid

SOURCE: Information Today, v19 n10 p51(2) Nov 2002

ISSN: 8755-6286

HOME PAGE: <http://www.infotoday.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030228

...to eLibrary, which is a compilation of articles from thousands of newspapers, magazines, TV, and **radio**, for \$24 per **month** or \$125 per year. An almanac is another excellent source of quick facts, and InfoPlease ...

...of the Encyclopedia Britannica, the world best encyclopedia, with a dictionary, thesaurus, atlas, audio and **video** clips, and links to other Web sites. Full access costs \$10 per month of \$70...

13/3, K/4

DIALOG(R)File 256:TecInfoSource
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00141339 DOCUMENT TYPE: Review

PRODUCT NAMES: Security (836192); Ports (802727)

TITLE: On guard at the border: Arizona Customs center tries out new IT...

AUTHOR: Daukantas, Patricia

SOURCE: Government Computer News, v21 n25 p1(2) Aug 26, 2002

ISSN: 0738-4300

HOME PAGE: <http://www.gcn.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030130

...at the Arizona Customs Management Center in Tucson include notebook and handheld computers, databases, digital **video** and facial recognition applications. The agency's primary goal is to intercept illegal drugs, guns, and **money**. The **center** has 500 employees, who handle customs operations at the seven border crossings. A T1 network...

...randomly selecting times and places for inspection blitzes. The random element helps to deter smugglers. **Video** is another tool being used by the agency. There are 205 **video** cameras at border crossings. The center records digital **video** on hard drives and archives on CD-ROM. They are also testing the Land Border...

?

20/3, K/1

DIALOG(R) File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

01610097 DOCUMENT TYPE: Product

PRODUCT NAME: Ultimatte (610097)

Ultimatte Corp (564168)
20945 Plummer St
Chatsworth, CA 91311 United States
TELEPHONE: (818) 993-8007

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20020330

...effects artists and editors can use Ultimatte's Screen Correction functions to create new, corrected **images**. Ultimatte can correct flawed **background** shots, which saves filmmakers **money** and time. Ultimatte uses a reference shot of the blue screen area, then removes problem areas from the area and creates a composite **image** that loses none of the details of the film sequence, so the ultimate **images** are clear and natural looking.

20/3, K/2

DIALOG(R) File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

00144639 DOCUMENT TYPE: Review

PRODUCT NAMES: Movie Special Effects (830712)

TITLE: There's Gold Out There In Them Stars! Disney finds treasure in...
AUTHOR: Courtmanche, John
SOURCE: Videography, v27 n12 p58(3) Dec 2002
ISSN: 0363-1001
HOMEPAGE: <http://www.videography.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030430

...N. C. Wyeth. To recreate that appearance, Disney had to retool DigiPaint and train 18 **background** painters for three **months** to use the computer to replicate oil painting. The Brandywine School of Illustrators' technique was imitated in foreshortened **images**, dramatic staging, action bursting from the frame, and high-contrast lighting. However, another characteristic was...
?

(c) 2005 IDG Communications
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 587:Jane`s Defense&Aerospace 2005/Sep W2
(c) 2005 Jane`s Information Group

Set	Items	Description
S1	9800607	MONEY OR MONIES OR COIN? ? OR CURRENC?
S2	83996	S1(7N) (CENTER OR DIAMETER? OR RAD??? OR COORDINAT?)
S3	13214514	(IMAGE?? OR PICTURE?? OR JPEG?? OR PHOTO?? OR GIF?? OR VID- EO OR PHOTOGRAPH??)
S4	17009407	THRESHOLD OR THRES() HOLD OR LIMIT? OR BOUNDAR? OR RANGE OR (REFERENCE?? OR PREDETERMI??? OR PRE()DETERMI??? OR DETERMIN- ???)(3W)(VALUE? OR PARAMETER? OR MEASUR?)
S5	964855	S4(7N) (CALCULAT? OR COMPUT? OR ADD? OR SUM?)
S6	4584384	HISTOGRAM? ? OR CHART? ? OR BAR? ? OR GRAPH? ?
S7	6080	S6(7N) DENSIT?
S8	148375	S1(7N) (DETECT? OR IDENTIF? OR RECOGNI? OR DETERMIN? OR EV- ALUAT? OR ASCERTAIN? OR CONFIRM? OR VERIF?)
S9	5976	S1(7N) (BACKGROUND OR BACK()GROUND)
S10	3	AU=(SUGATA, M? OR SUGATA M?)
S11	0	S10 AND S1
S12	1282	S8(S)S6
S13	11	S12(S)S2
S14	8	RD (unique items)
S15	3	S14 NOT PY>2000
S16	1	S8(S)S7
S17	1	S16 NOT S15
S18	384	S8(S)S5
S19	0	S18(S)S7
S20	21	S18(S)S6
S21	19	RD (unique items)
S22	5	S21 NOT PY>2000
S23	5	S22 NOT (S15 OR S17)
S24	9339	S8(S)S4
S25	183	S24(S)S6
S26	33	S25(S)S3
S27	30	RD (unique items)
S28	8	S27 NOT PY>2000
S29	6	S28 NOT (S23 OR S15 OR S17)

? show files; ds; save temp; logoff hold
File 9:Business & Industry(R) Jul/1994-2005/Sep 19
 (c) 2005 The Gale Group
File 15:ABI/Inform(R) 1971-2005/Sep 19
 (c) 2005 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2005/Sep 19
 (c) 2005 The Gale Group
File 20:Dialog Global Reporter 1997-2005/Sep 20
 (c) 2005 Dialog
File 47:Gale Group Magazine DB(TM) 1959-2005/Sep 20
 (c) 2005 The Gale group
File 75:TGG Management Contents(R) 86-2005/Sep W2
 (c) 2005 The Gale Group
File 80:TGG Aerospace/Def.Mkts(R) 1982-2005/Sep 19
 (c) 2005 The Gale Group
File 88:Gale Group Business A.R.T.S. 1976-2005/Sep 16
 (c) 2005 The Gale Group
File 98:General Sci Abs/Full-Text 1984-2004/Dec
 (c) 2005 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
 (c) 2004 United Business Media
File 141:Readers Guide 1983-2004/Dec
 (c) 2005 The HW Wilson Co
File 148:Gale Group Trade & Industry DB 1976-2005/Sep 20
 (c) 2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Sep 19
 (c) 2005 The Gale Group
File 264:DIALOG Defense Newsletters 1989-2005/Sep 19
 (c) 2005 Dialog
File 484:Periodical Abs Plustext 1986-2005/Sep W2
 (c) 2005 ProQuest
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
 (c) 2005 The HW Wilson Co
File 570:Gale Group MARS(R) 1984-2005/Sep 19
 (c) 2005 The Gale Group
File 608:KR/T Bus.News. 1992-2005/Sep 20
 (c) 2005 Knight Ridder/Tribune Bus News
File 620:EIU:Viewswire 2005/Sep 19
 (c) 2005 Economist Intelligence Unit
File 613:PR Newswire 1999-2005/Sep 20
 (c) 2005 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Sep 20
 (c) 2005 The Gale Group
File 623:Business Week 1985-2005/Sep 15
 (c) 2005 The McGraw-Hill Companies Inc
File 624:McGraw-Hill Publications 1985-2005/Sep 20
 (c) 2005 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2005/Sep 19
 (c) 2005 San Jose Mercury News
File 635:Business Dateline(R) 1985-2005/Sep 19
 (c) 2005 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2005/Sep 19
 (c) 2005 The Gale Group
File 647:cmp Computer Fulltext 1988-2005/Aug W4
 (c) 2005 CMP Media, LLC
File 696:DIALOG Telecom. Newsletters 1995-2005/Sep 19
 (c) 2005 Dialog
File 674:Computer News Fulltext 1989-2005/Sep W2

15/3,K/1 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

04429489 SUPPLIER NUMBER: 17918759 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Churchill's Grand Alliance: The Anglo-American Special Relationship, 1940-1957. (book reviews)
Sullivan, Andrew
The New Republic, v214, n7, p36(8)
Feb 12, 1996
DOCUMENT TYPE: Review ISSN: 0028-6583 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 7181 LINE COUNT: 00577

... French; and the French ... have generally been suspicious of American-led ventures." Rarely has the **bare** -bones reality of the Western international order been explained more succinctly. It is important to... conducive to free trade, not inimical to it. And the difference between a European currency **and** a heavily coordinated **currency system** is a difference of degree, not of kind. If sound finance is the primary concern ...

...results. On these liberal principles, there is no reason not to join a common currency. **As** long as its soundness is determined **by** a politically independent body--a European version of the Bundesbank--such a currency could be...

15/3,K/2 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

04429488 SUPPLIER NUMBER: 17918757 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The Path to Power. (book reviews)
Sullivan, Andrew
The New Republic, v214, n7, p36(8)
Feb 12, 1996
DOCUMENT TYPE: Review ISSN: 0028-6583 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 7174 LINE COUNT: 00576

... French; and the French ... have generally been suspicious of American-led ventures." Rarely has the **bare** -bones reality of the Western international order been explained more succinctly. It is important to...is conducive to free trade, not inimical to it. And the difference between a European **currency** **and** a heavily **coordinated currency** system ...not results. On these liberal principles, there is no reason not to join a common **currency** . As long as its soundness is **determined** by a politically independent body--a European version of the Bundesbank--such a currency could...

15/3,K/3 (Item 1 from file: 620)
DIALOG(R)File 620:EIU:Viewswire
(c) 2005 Economist Intelligence Unit. All rts. reserv.

2608640

EU Finance: Agreement finally reached on euro coins

COUNTRY: EU

JOURNAL: EIU ViewsWire - July 29, 1998

WORD COUNT: 472

...which produce and profit from vending machines such as slot machines, parking metres and chocolate **bar** vendors insisted that making the 20-cent coin the same size as the 50-cent...

...coin to overcome this problem. It pointed out that vending machines could only read the **diameter** and thickness of **coins**, as well as **recognising** what metal they were made of through their ability to conduct electrical currents, and would...
?

17/3,K/1 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2005 ProQuest. All rts. reserv.

06793938 SUPPLIER NUMBER: 845179781 (USE FORMAT 7 OR 9 FOR FULLTEXT)
POPULATION SIZE AND TREND OF YELLOW-BILLED LOONS IN NORTHERN ALASKA
Earnst, Susan L; Stehn, Robert A; Platte, Robert M; Larned, William W;
Mallek, Edward J
Condor (ICDR), v107 n2, p289-304, p.16
May 2005
ISSN: 0010-5422 JOURNAL CODE: ICDR
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 9602

TEXT:

... as a compromise between smaller annual declines that would be of interest, but difficult to **detect** with reasonable expenditure of effort and **money**, and higher annual declines that would be easier to detect logically but would result in...

...it may be difficult for a long-lived bird with low annual productivity to recover (**Bart** , Burnham et al. 2004).

RELATIVE DENSITY

A relative density map was created by pooling all data from Early and Late Surveys...
?

23/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

09187523 Supplier Number: 55981033 (USE FORMAT 7 FOR FULLTEXT)

COMPANY PROFILES.

Convenience Store News, v33, n10, p115

August 1, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 53726

... Accts. Mgr.

Ken Miller; Chief Engr.

Product Lines & Products:

GASOLINE EQUIPMENT/ENVIRONMENTAL
SERVICES & PRODUCTS

Leak **Detection** Systems

Other Gasoline Equipment

CAMPUS CRAFTS, INC.

P.O. Box 60650, Dept. CS, Rochester, NY...General/Misc

Microwave

Pizza

Pretzel

Rotisserie

Paper/Plastic Goods & Supplies/Disposable Dinnerware

Popcorn Machines

Salad **Bars**

Warmers

Scales

Soup Kettles/Merchandisers

Slicers

Steam Tables; Steam Cooking Equip.

Toasters

Vending Equipment:

Ice...Ovens:

Bake

Convection

Counter Top/Range

Electric

Gas

Microwave

Pizza

Pretzel

Rotisserie

Popcorn Machines

Salad **Bars**

Warmers

Slicers

Steam Tables; Steam Cooking Equip.

Toasters

REFRIGERATION & HEATING EQUIPMENT

Air Conditioning Systems

Compressors...

...ARCHITECTURE/BUILDERS

Checkout Systems; Checkstands;

Electric
Gas
General/Misc
Microwave
Pizza
Pretzel
Rotisserie
Popcorn Machines
Salad **Bars**
Warmers
Steam Tables; Steam Cooking Equip.
Toasters
Water Purification Equipment
Other Foodservice Equipment
REFRIGERATION & HEATING...847) 439-6018
Contact(s): Tom Phillips; Pres.
Linda Schwaba; Mgr. New Bus. Devel.
Ed **Barr**; Natl. Sales Mgr.
Product Lines & Products:
FOODSERVICE EQUIPMENT
Bakery Equipment
Ovens:
Bake
Convection
Counter Top...

23/3,K/2 (Item 2 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

07457205 Supplier Number: 62713845 (USE FORMAT 7 FOR FULLTEXT)
**JUSTICE AND HOME AFFAIRS: DISAGREEMENT IN PARLIAMENT AND COUNCIL OVER
MONEY-LAUNDERING DIRECTIVE.**
European Report, pNA
June 10, 2000
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1045

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...draft. Banks must verify the identification of customers opening a new account irrespective of the **sum** involved. With regard to insurance policies, a **threshold** of Euro 1,000 per annum is set above which identification must be sought, and...
...identity of the person they are acting for. Moreover, if they suspect their customer of **money**-laundering activities, no threshold applies to the **identification** requirement. Finally, if the customer itself is a credit or financial institution, either within or...
...contains a controversial new addition that would oblige the legal professions to inform the relevant **bar** association of any facts which might be an indication of money-laundering. It would then...

23/3,K/3 (Item 1 from file: 88)
DIALOG(R) File 88:Gale Group Business A.R.T.S.
(c) 2005 The Gale Group. All rts. reserv.

03629684 SUPPLIER NUMBER: 16839831
Organizational sentencing. (Tenth Survey of White Collar Crime)
Cutter, Stephanie A.
American Criminal Law Review, 32, n2, 731-742
Wntr, 1995
ISSN: 0164-0364 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 5357 LINE COUNT: 00461

... the culpability score has been calculated, the court then will apply that score to the **chart** in [sections] 8C2.6 to determine the minimum and maximum multiplier. (71) Similar to the...

...allows the court to consider the relative importance of any factor used to determine the **range**. (74)

5. Disgorgement

The court may **add** to the fine any gain to the organization resulting from the offense that has not...

23/3,K/4 (Item 1 from file: 553)
DIALOG(R) File 553:Wilson Bus. Abs. FullText
(c) 2005 The HW Wilson Co. All rts. reserv.

04251323 H.W. WILSON RECORD NUMBER: BWBA00001323 (USE FORMAT 7 FOR FULLTEXT)
Patience is a virtue.
AUGMENTED TITLE: selecting high probability day-trades
Mermer, Michael A
Futures (Cedar Falls, Iowa) v. 28 no12 (Dec. 1999) p. 54-7
LANGUAGE: English
WORD COUNT: 2098

...ABSTRACT: to trading that protects against overtrading and uses high-probability trend-based signals with intermarket **confirmation** together with appropriate **money** management produces a greater success rate in today's market. By forcing a trader to...

...levels are violated, an opening-range breakout system increases the probability of the trade. In **addition**, the **range** establishes significant pivot points that are usually the best areas in which to trade breakouts...

...open and thereby reduces unnecessary whipsaws in trading. These two strategies are described in detail; **graphs** illustrate the hypothetical application of the strategies; and a sidebar presents the EasyLanguage code for...

23/3,K/5 (Item 1 from file: 647)
DIALOG(R) File 647:cmp Computer Fulltext
(c) 2005 CMP Media, LLC. All rts. reserv.

01022586 CMP ACCESSION NUMBER: WIN19940501S2323
Money. It makes the world go 'round. But without proper management it can slip through your fingers. And money man...
Christopher E. Vogt, CFP
WINDOWS MAGAZINE, 1994, n 505 , 258

PUBLICATION DATE: 940501
JOURNAL CODE: WIN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Reviews
WORD COUNT: 4447

... allowing you to compare two loans or loan scenarios side by side. The retirement planner **determines** how much **money** you need to invest each month to achieve your retirement goals. It uses an overall...

...guarantee and a \$50 annual limit. Other on-line services are available only with a **limited** number of banks. In **addition** to the features discussed, Money includes those basic features expected in a modern financial management program: bank, cash, credit, investment and loan registers; reports and **charts**; check, **chart** and report printing; and a budgeting tool. Microsoft gave Money enough depth and capabilities to satisfy typical users. Some features, like **graphs** and investment management, however, are not sophisticated enough. For example, Money tracks investments, but its...

?

29/3,K/1 (Item 1 from file: 608)

DIALOG(R) File 608:KR/T Bus.News.

(c)2005 Knight Ridder/Tribune Bus News. All rts. reserv.

06622030 (USE FORMAT 7 OR 9 FOR FULLTEXT)

St. Clair County, Ill., Sheriff Says Poker Machines in Bars Should Be Legal

Barrett Marson

Belleville News-Democrat, Ill

January 01, 1999

DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH

WORD COUNT: 554

...TEXT: done fairly and with regulation.

"Depending on the uses and ensuring that there would be **limits** and it would be taxed, I would certainly go into with an open mind," Hoffman...

...Haida and Haine claimed the machines were contraband and could be seized from taverns and **bars** without law enforcement officers engaging in undercover operations to **determine** whether winners received **money**. But Justus said his department is spending too much time enforcing the ban. Twelve employees...

...incoming Gov. George Ryan would have to take the lead on any proposal to legalize **video** gambling machines.

"It is very doubtful the legislature is going to move forward on any...
...them, which is fine," Justus said. "The state will get their money along with the **bar** owner and the local government."

Justus said he is not backing any particular move to...

29/3,K/2 (Item 2 from file: 608)

DIALOG(R) File 608:KR/T Bus.News.

(c)2005 Knight Ridder/Tribune Bus News. All rts. reserv.

06603567 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Eugene, Ore., Panel Reviews Business Park Plan

Register-Guard, Eugene, Ore

November 02, 1998

DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH

WORD COUNT: 1164

...TEXT: far the park has only three buildings: headquarters for computer game-maker Dynamix Inc. and **bar** -code scanner maker Percon Inc. and a small business incubation center.

Given that so little...

...Just how does one measure the success of a research park, assess its prospects and **determine** how much more time and **money** to pour into it? The review committee, appointed by UO president Dave Frohnmayer in February ...

...Luger, however, said the comparison is still useful because the 1991 sample included a wide **range** of parks of varying ages. An updated sample would still be composed of parks of...

...requirements, including that tenants engage in research and development, demonstrate ties with the UO and **limit** their assembly area to 40 percent of their total square footage, drain the pool of...analysis, some people want more information.

"I don't think anyone's given a full **picture** of what have all the costs been, and what have all the benefits been; who...

29/3, K/3 (Item 1 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

04024592 Supplier Number: 53282626 (USE FORMAT 7 FOR FULLTEXT)
-U.S. DOD: DoD news briefing.

M2 Presswire, pNA
Nov 26, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 3049

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...in enormous detail. Starting the briefing today will be Gen. Maher. He actually has some **charts** to show you. We'll go through those. Then following that we'll answer your...of the U.S. going into Honduras. This next slide is to give you a **picture** of the medical response we've provided to date. We started off, of course, with...

...repair. And that's one of the priorities, for instance. So we have set our **limits** within what we're authorized to spend. If we do get additional funding from external...mentioned the CINCs' initiative funds. These were funds where we were going to divert some **money** to pay for operational **evaluations** to assist the Commanders-in-Chiefs around the world in their operational evaluations of Y2K...

...truly complement this effort. And we're able to assist in items like getting overhead **imagery**, working with other agencies to get the most economical **imagery** so that they can make the best estimate they can of the damage to their...

29/3, K/4 (Item 1 from file: 674)
DIALOG(R) File 674:Computer News Fulltext
(c) 2005 IDG Communications. All rts. reserv.

077720
AllWorkstore.com Delivers Quick, Easy Site Building
If e-commerce and the Web are the wave of the future, here's your surfboard.
Byline: Alexandra Krasne
Journal: Network World
Publication Date: September 10, 1999
Word Count: 475 Line Count: 41

Text:
... an hour to build a site. The downside is lack of originality. Your choices are **limited** to seven templates and a bunch of colors, and your page topics have to fall...

... The only font choice is Courier. You can customize your home page, however, with any **GIF** or **JPEG image**, such as your logo or a **picture**. In November, the company plans to launch an updated version of the

software that will...

... and customizable fonts. The new version will also let you change the names of navigation **bars**, use additional fonts, and create your own template. Should Web Design Be Left to Designers? Web designers will tell you that the **money** you invest in building a site will **determine** its success. Christopher Simmons of Mindset Communications, a Southern California-based firm that designs and...

29/3,K/5 (Item 1 from file: 813)

DIALOG(R) File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0995032 NYSA011
EMBARGOED AT SOURCE (NOT TO MOVE ON ANY NEWSWIRE) UNTIL AIR TIME ROSS PEROT

DATE: September 14, 1996 16:27 EDT WORD COUNT: 4,071

...of real U.S. wages in this country. Let's take a look at this **chart**. The real, non-inflationary wages of 82 million American workers have fallen back to the ...
...competition.

ROSS PEROT: Which industries and workers have had the greatest losses?

PAT CHOATE: This **chart** shows the industries and workers that have been hurt the most. The 1995 trade numbers...game, the way we play it now, are the American workers. Recently, we have seen **pictures** of children working for pennies, manufacturing sneakers and clothing for export to our country. We ...

...In sum, NAFTA would make us all rich! Now, what did we get? As this **graph** indicates, after just 27 months, we have a 61 billion dollar trade deficit with Mexico...banks, from the savings of millions of Americans. The interest rates that businesses are charged **determines** how much **money** can be borrowed. The lower the interest rate, the more money a company can afford to borrow to build factories. The interest rate is **determined** by demand for **money**. The greater the demand for money, the higher the interest rates.
The U.S. government...

... that way. Together, I know that we can build a country where Amanda's only **boundary** is the limit of

29/3,K/6 (Item 1 from file: 587)

DIALOG(R) File 587:Jane's Defense&Aerospace
(c) 2005 Jane's Information Group. All rts. reserv.

10875504

Word Count: 5682

Active protection: providing a smarter shield for AFVs

INTERNATIONAL DEFENSE REVIEW (IDR) JULY 01, 1999 v.032 no. 007

Section Heading: EQUIPMENT PROFILE

By: R M OGORKIEWICZ | \MARK HEWISH*

?

? show files; ds; save temp; logoff hold
 File 2:INSPEC 1969-2005/Sep W2
 (c) 2005 Institution of Electrical Engineers
 File 6:NTIS 1964-2005/Sep W2
 (c) 2005 NTIS, Intl Cpyrght All Rights Res
 File 8:Ei Compendex(R) 1970-2005/Sep W2
 (c) 2005 Elsevier Eng. Info. Inc.
 File 34:SciSearch(R) Cited Ref Sci 1990-2005/Sep W2
 (c) 2005 Inst for Sci Info
 File 35:Dissertation Abs Online 1861-2005/Aug
 (c) 2005 ProQuest Info&Learning
 File 65:Inside Conferences 1993-2005/Sep W3
 (c) 2005 BLDSC all rts. reserv.
 File 92:IHS Intl.Stds.& Specs. 1999/Nov
 (c) 1999 Information Handling Services
 File 94:JICST-EPlus 1985-2005/Jul W4
 (c) 2005 Japan Science and Tech Corp(JST)
 File 95:TEME-Technology & Management 1989-2005/Aug W2
 (c) 2005 FIZ TECHNIK
 File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul
 (c) 2005 The HW Wilson Co.
 File 144:Pascal 1973-2005/Sep W2
 (c) 2005 INIST/CNRS
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
 File 603:Newspaper Abstracts 1984-1988
 (c) 2001 ProQuest Info&Learning
 File 483:Newspaper Abs Daily 1986-2005/Sep 17
 (c) 2005 ProQuest Info&Learning
 File 248:PIRA 1975-2005/Aug W4
 (c) 2005 Pira International

Set	Items	Description
S1	482883	MONEY OR MONIES OR COIN? ? OR CURRENC?
S2	3337	S1(7N) (CENTER OR DIAMETER? OR RAD??? OR COORDINAT?)
S3	4072458	(IMAGE?? OR PICTURE?? OR JPEG?? OR PHOTO?? OR GIF?? OR VID- EO OR PHOTOGRAPH???)
S4	7897340	THRESHOLD OR THRES()HOLD OR LIMIT? OR BOUNDAR? OR RANGE OR (REFERENCE?? OR PREDETERMI??? OR PRE()DETERMI??? OR DETERMIN- ???) (3W) (VALUE? OR PARAMETER? OR MEASUR?)
S5	416162	S4(7N) (CALCULAT? OR COMPUT? OR ADD? OR SUM?)
S6	1153537	HISTOGRAM? ? OR CHART? ? OR BAR? ? OR GRAPH? ?
S7	9251	S6(7N) DENSIT?
S8	6252	S1(7N) (DETECT? OR IDENTIF? OR RECOGNI? OR DETERMIN? OR EV- ALUAT? OR ASCERTAIN? OR CONFIRM? OR VERIF?)
S9	163	S1(7N) (BACKGROUND OR BACK()GROUND)
S10	208	AU=(SUGATA, M? OR SUGATA M?)
S11	0	S10 AND S1
S12	298	S2 AND S3
S13	1	S12 AND S5
S14	0	S12 AND S7
S15	10	S12 AND S6
S16	10	RD (unique items)
S17	5	S16 NOT PY>2000
S18	15	S12 AND S8
S19	13	RD (unique items)
S20	9	S19 NOT PY>2000
S21	7	S20 NOT (S17 OR S13)

S22 0 S12 AND S9
S23 25 S12 AND S4
S24 23 RD (unique items)
S25 11 S24 NOT PY>2000
S26 10 S25 NOT (S21 OR S17 OR S13)
S27 603 S8 AND S4
S28 16 S27 AND S6
S29 13 RD (unique items)
S30 9 S29 NOT PY>2000
S31 9 S30 NOT (S26 OR S21 OR S17 OR S13)

13/3,K/1 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
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00988783 I96045831200

Educational experiments in machine vision
(Erzieherische Experimente im maschinellen Sehen)

Crevier, D

Dept. of Electr. Eng., Quebec Univ., Montreal, Que., Canada
IEEE Transactions on Education, v39, n1, pp90-92, 1996

Document type: journal article Language: English

Record type: Abstract

ISSN: 0018-9359

ABSTRACT:

...will face in field applications of machine vision. The experiments are:
locate coins in an **image**, identify their denominations, and count the
amount of money present; extract the straight edges of...

...by the Hough transform technique; extract three-dimensional (3-D)
information from left and right **images** of the same cube; and transform
color **images** from RGB to HSI coordinates and visually assess the results.

DESCRIPTORS: PERSONNEL APPLICATIONS; ARTIFICIAL VISION; **BOUNDARY**
DETECTION; REAL TIME METHOD; PROGRAMMING ENVIRONMENTS; **COMPUTER**
PROGRAMMING; **COMPUTER PROGRAM**; CAI...
...**COMPUTER AIDED INSTRUCTION**; **SCHOOL**; MATHEMATICAL TRANSFORMATIONS;
FEATURE EXTRACTION; **STEREO IMAGE PROCESSING**; INDUSTRIAL APPLICATIONS
...**IDENTIFIERS**: EXPERIMENTS; EDUCATIONAL EXPERIMENTS; LOW COST HARDWARE;
THRESHOLDING; CONNECTED COMPONENT ANALYSIS; HOUGH TRANSFORMS; STEREO VISION
; COLOR **COORDINATE** SYSTEMS; REAL TIME PROCESSING TECHNIQUES; **COIN**
LOCATION; STRAIGHT EDGES EXTRACTION; HOUGH TRANSFORM; COLOR **IMAGES**
TRANSFORMATION; maschinelles Sehen; Ausbildung; Versuch; Schuleinsatz
?

17/3,K/1 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

02320291 JICST ACCESSION NUMBER: 95A0150691 FILE SEGMENT: JICST-E
An Experiment of Recognition of Coins using Image Processing Method.
OTA HIROSHI (1); HOSHAKU YASUSHI (1); SHIONO MITSURU (1)
(1) Okayama Univ. of Sci., Coll. of Eng.
Joho Shori Gakkai Kenkyu Hokoku, 1994, VOL.94,NO.110(CG-72), PAGE.63-70,
FIG.16, TBL.5, REF.5
JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072
UNIVERSAL DECIMAL CLASSIFICATION: 681.3:165 681.3:621.397.3
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

An Experiment of Recognition of Coins using Image Processing Method.
ABSTRACT: In this report, a new method of automatic coin recognition using **image** processing technique is proposed and the results of its fundamental experiment are shown. An **image** containing various kinds of coins is inputted to the computer using an **image** scanner. The outline of each coin is detected using circle detection method by Hough transform. Each coin **image** is roughly classified by its size and hole. Rotating the **coin** by one degree around its **center**, pattern matching of the **coin** and the dictionary patterns is practiced to discriminate its kinds. As the experimental result, above...
...DESCRIPTORS: **image** processing
...BROADER DESCRIPTORS: matching(**graph**);

17/3,K/2 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

06225386 SUPPLIER NUMBER: 64747302
Keeping history alive Henry museum funds, artifacts being collected
Pearson, Michael
Atlanta Journal the Atlanta Constitution, p JI; 1
Nov 23, 2000
NEWSPAPER CODE: ATCJ
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: a manual plow and a 1940s-era tractor, among other relics, in her family's **barn**. Turner hopes such a museum would be valuable to students who have no idea that...

...was once largely agricultural --- quite different from the rapidly growing urban environment they now inhabit. **Photo** While Freda Turner leads fund-raising efforts for a museum to preserve the memory of...

...s vanishing past, she is donating items such as this 1945 Ford tractor and raising **money** for a **center** to house smaller items./ W.A. BRIDGES JR / Staff **Photo** Freda Turner, 77, has offered this well on her property as a museum exhibit. Offers...

17/3,K/3 (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

06134042 SUPPLIER NUMBER: 58335179
CAN THE OLD POST OFFICE BE SAVED?
Prost, Charlene
St. Louis Post - Dispatch, p B.1
Aug 20, 2000
NEWSPAPER CODE: SL
DOCUMENT TYPE: News; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: performing arts and culture groups about helping to provide daytime and nighttime programs and activities. **PHOTO**, GRAPHIC; Caption: **Photos** by JAMIE RECTOR / POST-DISPATCH: (1) Color **photo** - The Old Post Office Building, on Olive Street between Eighth and Ninth streets, is at...

...million, a study says, and Webster would need outside funding to complete the project. (2) **Photo** - The Syndicate Trust and Century buildings, on Ninth and Olive streets, hold a Walgreens but...

...fence out into the street, which the city and other downtown boosters oppose. (3) Graphic **Chart** - (Old Post Office) A NATIONAL TREASURE It was built 116 years ago from a design...

...A PLAN The university would like to convert the building into an education and cultural **center** that would bring people downtown. ... PLANS COST **MONEY** The conversion would cost at least \$15 million -- which trustees have said would have to...

17/3,K/4 (Item 3 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

06097483 SUPPLIER NUMBER: 57278384
GLORIES OF THE GRAPE / Eat, drink and be outrageously merry in Italy's unsung Piedmont
Robertson, Dale
Houston Chronicle, p 1
Jul 23, 2000
NEWSPAPER CODE: HC
DOCUMENT TYPE: -LINKS-; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: aboard Sol LeWitt, the vanguard American conceptualist, as his artistic partner. Alba: Piedmont's commercial **center** smells of chocolate and **money**, the former because of a factory producing chocolate and the latter because of the wine...

...tartufi d'Alba, the food equivalent of barolo and barbaresco, is held in late October. **Photos** : 1.-3. Above: The whimsical Barolo Chapel - commissioned by the winemaking Ceretto family - is an...

...from the Langhe hills. Left: The Piedmont is known internationally for its nebbiolo grapes. (color); **Graph** : 4. When you go: Piedmont, Italy (b/w, p. 8, text); Map: 5. Piedmont region...

17/3, K/5 (Item 4 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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02944573

Law Society to bar sweeteners as bait for legal aid clients

Dyer, Clare

Guardian, Sec 1, p 4, col 8

Apr 4, 1994

ISSN: 0261-3007 NEWSPAPER CODE: MG

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Short (0-6 col inches)

Law Society to bar sweeteners as bait for legal aid clients

ABSTRACT: The UK Law Society plans to **bar** attorneys specializing in criminal defense from wooing clients with **gifts**, following evidence that firms in Birmingham and Manchester England were offering inducements ranging from cigarettes to **money**, **radios** and trainers.

...DESCRIPTORS: **Gifts**

?

21/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

06835748 INSPEC Abstract Number: C9803-7110-037

Title: Getting it together: a practical guide for preparing coordinated, integrated, and accessible documentation for your users

Author(s): Wascom, T.

Author Affiliation: Office of Inf. Technol., Mississippi Univ., MS, USA
Conference Title: Proceedings. ACM SIGUCCS 1997 User Services Conference XXV. Are You Ready? 25th SIGUCCS '97 Conference p.307-12

Publisher: ACM, New York, NY, USA

Publication Date: 1997 Country of Publication: USA x+369 pp.

ISBN: 0 89791 990 4 Material Identity Number: XX97-03000

U.S. Copyright Clearance Center Code: 0 89791 990 4/97/0011.\$3.50

Conference Title: Proceedings of University and College Computing Services 25th User Services Conference

Conference Date: 9-12 Nov. 1997 Conference Location: Monterey, CA, USA

Language: English

Subfile: C

Copyright 1998, IEE

...Abstract: toward better educating your user population is to look unflinchingly at your existing information and **determine** its usefulness, **currency**, and clarity. Does your computer **center** present its itself professionally in its use of language and **images**? When the University of Mississippi (UM) User Services division of IT (information technology) came together...

... increased computing documentation, we were determined to improve not only our documents, but our campus **image** as well. The goal we set for ourselves was twofold: to become a cohesive and...

...Identifiers: campus **image** ;

21/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03033483 INSPEC Abstract Number: A83040650, B83024806

Title: Superconducting magnet image effects observed with a vibrating sample magnetometer

Author(s): Zieba, A.; Foner, S.

Author Affiliation: Francis Bitter Nat. Magnet Labs., MIT, Cambridge, MA, USA

Journal: Review of Scientific Instruments vol.54, no.2 p.137-45

Publication Date: Feb. 1983 Country of Publication: USA

CODEN: RSINAK ISSN: 0034-6748

U.S. Copyright Clearance Center Code: 0034-6748/83/020137-09\$0.30

Language: English

Subfile: A B

Title: Superconducting magnet image effects observed with a vibrating sample magnetometer

...Abstract: sample flux by a superconducting material produces a change of magnetometer output known as an **image** effect. **Image** effects for three Nb-Ti magnets were examined using a small current-carrying coil as...

... and adjustable, controlled moment of a vibrating sample magnetometer. This allowed determination of the initial **image** effect (in zero field) and the field-dependent **image** effect from zero to maximum magnetic field. The initial **image** effect (not detected by conventional calibration) can be large, and the field-dependent part was 0.25-0.35 of initial **image** effect. The variation of the field-independent **image** effect on field sweep rate and magnet temperature, and the change of the spatial distribution of the detection coil sensitivity were also observed. The **image** effect is independent of sample moment and decreases rapidly with decreasing **detection coil radius**. The method of **images** was employed to calculate the **image** effect for perfect shielding as the function of detection coil dimensions relative to the magnet bore. For a small superconducting volume fraction λ , the initial **image** effect for multifilamentary wire magnets is smaller than calculated by an approximate factor $\lambda / (1...$

... Nb-Ti magnets. Some influences of the multifilamentary structure of the superconducting wire on the **image** effect are discussed.

...Identifiers: **image** effect...

...initial **image** effect...

...field-dependent **image** effect

21/3,K/3 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c) 2005 Japan Science and Tech Corp(JST). All rts. reserv.

01628947 JICST ACCESSION NUMBER: 92A0593870 FILE SEGMENT: JICST-E
A Case of Primary Bronchogenic Adenocarcinoma Accompanied by Multiple Adenomatous Hyperplasia in the Same Lobe.
SHIMOMYAMA HITOSHI (1); FUJISAWA KENJI (1); YAMADA TAKATOSHI (1); INDO SHUNJU (1); YOSHIDA EIICHI (1); KUROKAWA TATSUO (1); UMEDA MASAKICHI (1); OKINO TAKESHI (1); KOBAYASHI SHOJI (2)
(1) Saiseikai Imabari Hospital; (2) Kagawa Medical School
Kikanshigaku(Journal of the Japan Society for Bronchology), 1992,
VOL.14,NO.5, PAGE.502-507, FIG.4, REF.8
JOURNAL NUMBER: Y0672AAR ISSN NO: 0287-2137
UNIVERSAL DECIMAL CLASSIFICATION: 616.22/.27-006
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

ABSTRACT: A **coin** lesion, 2cm in **diameter**, was **recognized** in right S2 a of a lung of 65-year-old female. The radiographic characteristics...
...BROADER DESCRIPTORS: **image** technology

21/3,K/4 (Item 2 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c) 2005 Japan Science and Tech Corp(JST). All rts. reserv.

00873640 JICST ACCESSION NUMBER: 89A0263895 FILE SEGMENT: JICST-E
Application of an image analyzing system on prosthodontics. Measurements of human profiles of face and central incisor tooth.

SATOH YOSHINORI (1); OHKI KATSUZO (1); KIMURA KAZUYUKI (1)
(1) Nihon Univ., School of Dentistry
Nippon Hotetsu Shika Gakkai Zasshi (Journal of the Japan Prosthodontic Society), 1988, VOL.32, NO.5, PAGE.1063-1066, FIG.4, TBL.2, REF.20
JOURNAL NUMBER: Z0574BAQ ISSN NO: 0389-5386
UNIVERSAL DECIMAL CLASSIFICATION: 616.314-089.28
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

Application of an image analyzing system on prosthodontics. Measurements of human profiles of face and central incisor tooth.

...ABSTRACT: incisor tooth surface are known to be similar. This study evaluated the accuracy of an **image** analyzing device and quantitatively analyzed the face and tooth profiles. The device consisted of a CCD camera, shade Corrector, **Video** recorder, **Image** Analyzer(LA-500, PIAS Co.) and a microcomputer(PC-9801 VX2, NEC Co.). Squares(150*150mm and 10*10mm) and a metal **coin** (**diameter** 20mm) were used for **evaluation** of the system ability. The procedure for the measurement were: 1) the squares and the...

...DESCRIPTORS: **image** analysis

BROADER DESCRIPTORS: **image** processing...

21/3,K/5 (Item 3 from file: 94)

DIALOG(R)File 94:JICST-EPlus
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

00821445 JICST ACCESSION NUMBER: 89A0061184 FILE SEGMENT: JICST-E
Application of an image -analysis system to prosthodontics - Measurements of human facial profiles and upper central incisor teeth.

SATOH Y (1); KIMURA K (1); OHKI K (1)
(1) Nihon Univ., Tokyo, JPN

J Nihon Univ Sch Dent, 1988, VOL.30, NO.3, PAGE.237-243, FIG.4, TBL.2,
REF.19

JOURNAL NUMBER: Z0759AAU ISSN NO: 0029-0432

UNIVERSAL DECIMAL CLASSIFICATION: 616-073:612-087
591.131.3.05+591.431/.432

LANGUAGE: English COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

Application of an image -analysis system to prosthodontics - Measurements of human facial profiles and upper central incisor teeth.

...ABSTRACT: incisor tooth surface are known to be similar. This study evaluated the accuracy of an **image** -analysis device, which was then used for quantitative analysis of facial and tooth profiles. The device consisted of a CCD TV camera, a shade corrector, a **video** recorder, an **image** -analyzer (PLAS Co., Model LA-500) and a microcomputer (NEC Co., Model PC-9801 VX 2). Squares (150mm*150mm and 10mm*10mm) and a metal **coin** (**diameter** 20mm) were used for **evaluation** of the system's ability. The measurement procedures were as follows: 1) The squares and ...

...DESCRIPTORS: **image** analysis...

... **image** processing system...

... image correction
...BROADER DESCRIPTORS: image processing...

... video recorder

21/3,K/6 (Item 1 from file: 483)
DIALOG(R) File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

05860715 SUPPLIER NUMBER: 48226058
GIFTS SUSTAIN CENTER AFTER APPARENT THEFT MISSING \$100,000 WAS TO HELP
THE ILL

Pope, John
Times - Picayune, p B1
Jan 22, 2000
NEWSPAPER CODE: NO
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

GIFTS SUSTAIN CENTER AFTER APPARENT THEFT MISSING \$100,000 WAS TO HELP
THE ILL

...ABSTRACT: involved: The headline on a story published Jan. 22 about the arrest of a former **Center** for Living administrator said " **Money** missing from N.O. hospice." The story did not involve the hospice of Greater New...

...Orleans hospice, said Sara Scully, a spokeswoman for the organization. Published January 24, 2000. The **gift** from Garnet House, a yet-to-open French Quarter restaurant scheduled to overlook Jackson Square...
...said Zully Jimenez, a spokeswoman for District Attorney Harry Connick. Federal investigators are working to **determine** whether federal grant **money** was put to inappropriate use, she said.

21/3,K/7 (Item 2 from file: 483)
DIALOG(R) File 483:Newspaper Abs Daily
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05099936
Woman Is Lauded for Work with the Hungry She Put up Her Own Money to
Found Center Near Alton Award Recognizes Public Service
Dean, Lia
St Louis Post-Dispatch, Sec C, p 1, col 1
Jun 19, 1998
NEWSPAPER CODE: SL
DOCUMENT TYPE: News; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Medium (6-18 col inches)

Woman Is Lauded for Work with the Hungry She Put up Her Own Money to
Found Center Near Alton Award Recognizes Public Service

ABSTRACT: The man immediately shooed her away, but the **image** - of a fellow human being surviving on food scraps - has stayed with Crystal Davis. "I...
?"

? t/3,k/all

26/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

02640533 INSPEC Abstract Number: B81012940

Title: Fast sorting with sensors in CCD technology

Author(s): Murphy, H.; Rothstein, J.

Author Affiliation: Fairchild Camera & Instrument Corp., Mountain View, CA, USA

Journal: Messen & Pruefen no.9 p.549-50, 553-4

Publication Date: Sept. 1980 Country of Publication: West Germany

CODEN: MSPNBZ ISSN: 0026-0339

Language: German

Subfile: B

Abstract: As an example of the application of CCD **image** sensors, a description is given of equipment for sorting coins, comprising a type CCD 1400...

... camera objective and the object surface, the scanning strip is 43.89 mm long. Each **image** element covers a surface of about 25 μ m edge length. The transport speed of the **coins** is 508 mm/s and with the **diameter** of the smallest **coin** 17.8 mm, each is scanned at least 100 times during its passage. This means a **video** data rate of about 5 MHz per line which lies suitably within the working **range** of the CCD camera.

...Descriptors: **image** sensors

Identifiers: CCD **image** sensors...

26/3,K/2 (Item 1 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

03371941 E.I. Monthly No: EI9202024435

Title: Scan conversion for radar display.

Author: Foxton, Mike

Corporate Source: Primagraphics

Source: Electronic Engineering (London) v 63 n 774 Jun 1991 p 41, 43

Publication Year: 1991

CODEN: ELEGAP ISSN: 0013-4902

Language: English

...Abstract: 20 years in darkened rooms by operators who have become familiar with the quirks and **limitations** of their systems. Current display technology can now enhance the quality of **images** and quantity of information seen by radar operators. Despite advances in technology, radar operators still want to see the returns from the **radar** aerial. It costs **money** to change, and any replacement system must be cost-effective, and, of course, better than...

...designed a radar scan-conversion system, using modular hardware and

software components to satisfy a **range** of costs and performance requirements.

26/3,K/3 (Item 1 from file: 34)
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

04869181 Genuine Article#: UN423 No. References: 21
Title: FEASIBILITY OF A VISUAL PROSTHESIS FOR THE BLIND BASED ON INTRACORTICAL MICROSTIMULATION OF THE VISUAL-CORTEX
Author(s): SCHMIDT EM; BAK MJ; HAMBRECHT FT; KUFTA CV; OROURKE DK; VALLABHANATH P
Corporate Source: NINCDS, NEURAL CONTROL LAB, NIH, BLDG 49, ROOM 3A50/BETHESDA//MD/20892; NINCDS, NEURAL PROSTHESIS PROGRAM, NIH/BETHESDA//MD/20892; NINCDS, SURG NEUROL BRANCH, NIH/BETHESDA//MD/20892; HOWARD HUGHES MED INST/BETHESDA//MD/20817
Journal: BRAIN, 1996, V119, APR (APR), P507-522
ISSN: 0006-8950
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: small spots of light, called phosphenes, were produced with 34 of the 38 implanted microelectrodes. **Threshold** currents for phosphene generation with trains of biphasic pulses were as low as 1.9...
...The apparent size of phosphenes ranged from a 'pin-point' to a 'nickel' (20 mm **diameter** **coin**) held at arm's length. Phosphene size usually decreased as stimulation current was increased but increased slightly as the train length (TL) was increased. At levels of stimulation near **threshold**, the phosphenes were often reported to have colours. As the stimulation level was increased, the...
...However, further studies with blind subjects are required to optimize stimulation parameters and test complex **image** recognition before the feasibility of a visual prosthesis based on ICMS can be established.

26/3,K/4 (Item 2 from file: 34)
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

03806992 Genuine Article#: QG628 No. References: 29
Title: QUANTIFICATION OF THE LENGTH AND DIAMETER OF ROOT SEGMENTS WITH PUBLIC DOMAIN SOFTWARE
Author(s): DOWDY RH; NATER EA; DOLAN MS
Corporate Source: USDA ARS, SOIL & WATER MANAGEMENT RES UNIT/ST PAUL//MN/55108; UNIV MINNESOTA, DEPT SOIL SCI/ST PAUL//MN/55108
Journal: COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, 1995, V26, N3-4, P459-468
ISSN: 0010-3624
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: parameters. A technique is presented for the fast and accurate measurement of the length and **diameter** of all fragments of **coin** (*Zea mays* L.) roots contained in most 0.04 by 0.15 m soil cores by analyzing a single NIH- **Image** of those roots. These parameters are **determined** by **measuring** the perimeter and area of each root fragment utilizing NIH- **Image** analyses contained in a public domain software (NIH- **Image**). When length and diameter are coupled with nutrient uptake data, we will have a better...
...Identifiers-- **IMAGE** -ANALYSIS; NITROGEN; GROWTH

26/3,K/5 (Item 3 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

03376357 Genuine Article#: PB326 No. References: 59
Title: NEURAL-NETWORK CONTRIBUTIONS IN BIOTECHNOLOGY
Author(s): MONTAGUE G; MORRIS J
Corporate Source: UNIV NEWCASTLE UPON TYNE, DEPT CHEM & PROC ENGN/NEWCASTLE
TYNE NE1 7RU/TYNE & WEAR/ENGLAND/
Journal: TRENDS IN BIOTECHNOLOGY, 1994, V12, N8 (AUG), P312-324
ISSN: 0167-7799
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: the increased power of computing systems, together with new areas of research, is expanding the **range** of potential application. The main reason for this is that the potential to describe the...
...Research Fronts: PATH PLANNING; MULTIVARIATE FUNCTION APPROXIMATION)
92-0422 001 (ORDER SELECTION OF AUTOREGRESSIVE MODELS; NONPARAMETRIC REGRESSION; **MONEY -INCOME CAUSALITY**)
92-5582 001 (RADIAL BASIS FUNCTIONS; MULTIQUADRIC INTERPOLATION; SCATTERED DATA)
92-7198 001 (NEURAL NETWORKS; LEARNING ALGORITHM; PRINCIPAL COMPONENTS OF NATURAL IMAGES)

26/3,K/6 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01452809 ORDER NO: AADAA-I9539160
SECURITIES UNDERWRITING BY COMMERCIAL BANKS: AN ANALYSIS OF SECTION 20 SUBSIDIARIES (GLASS STEAGALL ACT OF 1933)
Author: BHARGAVA, RAHUL
Degree: PH.D.
Year: 1995
Corporate Source/Institution: TEXAS A&M UNIVERSITY (0803)
Source: VOLUME 56/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 3642. 101 PAGES

...regulatory changes related to securities underwriting. Commercial banks were allowed to underwrite securities to a **limited** extent by a Federal Reserve ruling of April 30, 1987. Securities underwriting by commercial banks...

...in the ceiling on revenues from underwriting activity. The wealth effects were more pronounced for **money center** banks, who also experienced an increase in risk significantly greater than by non- **money center** banks.

Individual banks with underwriting powers were also examined around the submission and approval dates...

...full repeal of Glass-Steagall the results have significant implications for regulatory policy. Results suggest **limited** benefits to diversification. A further examination of issues underwritten by banks would provide a clearer **picture** of their risk characteristics.

26/3,K/7 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c) 2005 Japan Science and Tech Corp(JST). All rts. reserv.

02198244 JICST ACCESSION NUMBER: 94A0728899 FILE SEGMENT: JICST-E
A Case of Pulmonary Plasma Cell Granuloma.
NAKAO SUSUMU (1); TANIGUCHI HIDEKI (1); SASANO OSAMU (1); ITO NAOMI (1);
SAKIDO OSAMU (1); FUKUSHIMA TOHEI (1); OTSUBO MAYUMI (1); OGINO AYUMU
(1); TAKAHARA KO (1)
(1) Jpn. Red Cross Soc. Nagasaki Atom. Bomb Hosp.
Nippon Kyobu Rinsho(Japanese Journal of Chest Diseases), 1994, VOL.53,NO.8
, PAGE.685-688, FIG.5, REF.10
JOURNAL NUMBER: Z0382BAV ISSN NO: 0385-3667
UNIVERSAL DECIMAL CLASSIFICATION: 616.22/.27
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

...ABSTRACT: asymptomatic 36-year-old female was admitted for further examination of an abnormal shadow (a **coin** lesion 2cm in **diameter**) in the right middle lung field on chest X-ray taken for routine physical examination...

...contributing factor. Because of the benign feature of this tumor, extirpation of the tumor or **limited** excision of the tumor is recommended. Sixty four cases have been reported in the Japanese...
...BROADER DESCRIPTORS: **image** technology

26/3,K/8 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2005 INIST/CNRS. All rts. reserv.

11713701 PASCAL No.: 94-0577917
SAR imaging of corner reflectors larger than the spatial resolution
GROOT J; OTTEN M
TNO physics electronics lab., div. 4-2, 2509 JG The Hague, Netherlands
Journal: IEEE transactions on geoscience and remote sensing, 1994, 32 (3
) 721-724
Language: English

English Descriptors: Remote sensing; Reflector; spatial resolution;
Synthetic aperture radar; **Imagery** ; Radiometry; Wedge; Calibration;
Geometrical factor

French Descriptors: Teledetection; Reflecteur; **Limite** resolution spatiale
; **Radar** ouverture synthetique; Imagerie; Radiometrie; **Coin** ;
Etalonnage; Facteur geometrique

26/3,K/9 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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05556557
Photo **radar** bill signed
Denver Post, Sec B, p 5, col 3

May 18, 1999

NEWSPAPER CODE: DP

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Short (0-6 col inches)

Photo **radar bill signed**

ABSTRACT: Gov. Bill Owens on Monday signed into law a controversial bill that severely **limits** local governments' use of **photo** radar devices to catch speeders and people who drive through traffic lights. The bill, HB...

...Dean, R-Colorado Springs and Sen. Bryan Sullivant, R-Breckenridge, both of whom argue that **photo radar** is nothing more than a **money-raiser** for local governments.

...DESCRIPTORS: **Video recorders**

26/3,K/10 (Item 2 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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04857829

NEA Gives Its First '98 Grants / 27 Bay Area arts groups to divide \$746,250

Hamlin, Jesse

San Francisco Chronicle, Sec D, p 1, col 5

Dec 17, 1997

NEWSPAPER CODE: SF

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

ABSTRACT: The local grants **range** from the Oakland Chorus (\$5,000) to the Bay Area **Video** Coalition (\$75,000), from the Ali Akbar College of Music in San Rafael (\$17,200...).

...the largest sum in California in the current round of grants (the Los Angeles Music **Center** Opera also got \$100,000). The **money** will fund the archive's "How to Read a Film" education program for children and...?
?

31/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

07276823 INSPEC Abstract Number: C1999-08-6150G-001

Title: Dynamic currency determination in optimized programs

Author(s): Dhamdhere, D.M.; Sankaranarayanan, K.V.

Author Affiliation: Indian Inst. of Technol., Bombay, India

Journal: ACM Transactions on Programming Languages and Systems vol.20, no.6 p.1111-30

Publisher: ACM,

Publication Date: Nov. 1998 Country of Publication: USA

CODEN: ATPSDT ISSN: 0164-0925

SICI: 0164-0925(199811)20:6L.1111:DCDO;1-W

Material Identity Number: A345-1999-003

U.S. Copyright Clearance Center Code: 0164-0925/98/1100-111\$5.00

Language: English

Subfile: C

Copyright 1999, IEE

Title: Dynamic currency determination in optimized programs

...Abstract: optimized program due to reordering, insertion and deletion of code. One such problem is to **determine** whether the **value** of a variable is current at a breakpoint—that is, whether its actual value is... ...of a variable in source-level debugging and propose the use of a minimal unrolled **graph** to reduce the run-time overhead of dynamic **currency determination**. We prove that the minimal unrolled **graph** is an adequate basis for performing bit-vector data flow analyses at a breakpoint. This property is used to perform dynamic **currency determination**. It is also shown to help in recovery of a dynamically noncurrent variable.

...Descriptors: **graph theory**

Identifiers: **dynamic currency determination** ; ...

...minimal unrolled **graph** ;

31/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

05274406 INSPEC Abstract Number: C9212-7120-006

Title: An expert system for determining the discriminative functions for bill money recognition

Author(s): Takeda, F.; Omatsu, S.; Inoue, T.

Author Affiliation: Dept. of Inf. Sci. & Intelligent Syst., Tokushima Univ., Japan

Journal: Transactions of the Information Processing Society of Japan vol.33, no.7 p.980-91

Publication Date: 1992 Country of Publication: Japan

CODEN: JSGRD5 ISSN: 0387-5806

Language: Japanese

Subfile: C

Title: An expert system for determining the discriminative functions for bill money recognition

...Abstract: knowledge management files; windows for editing knowledge, selecting parameter candidates, changing qualified points and changing

threshold values, the total system construction; the system execution procedure and window construction; a window for setting the initial values; inference results; comparison of reliability; and a **histogram** showing the difference between the purpose mode and the anti-mode.

...Identifiers: bill **money** **recognition** ; ...

... **threshold** values

31/3,K/3 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

08010531 Genuine Article#: 236CG No. References: 25

Title: CT-based interstitial HDR brachytherapy

Author(s): Kolotas C (REPRINT) ; Baltas D; Zamboglou N

Corporate Source: STADT KLINIKEN, STRAHLENKLIN, STARKENBURGRING 66/D-63069
OFFENBACH//GERMANY/ (REPRINT)

Journal: STRAHLENTHERAPIE UND ONKOLOGIE, 1999, V175, N9 (SEP), P419-427

ISSN: 0179-7158 Publication date: 19990900

Publisher: URBAN & VOGEL, LINDWURMSTRASSE 95, D-80337 MUNICH, GERMANY

Language: English Document Type: REVIEW (ABSTRACT AVAILABLE)

...Abstract: using contouring tools and are used for optimization of the 3D dose distribution. Dose-volume **histogram** based analysis of the dose distribution (**COIN** analysis) enables a clinically realistic **evaluation** of the brachytherapy application to be made. The CT-guided implantation of catheters and the...

...recurrences or metastatic disease, and in breast carcinomas. The tumor volumes treated were in the **range** 5.1 to 2,741 cm(3)..Analysis of implant quality showed a slightly significant...

31/3,K/4 (Item 2 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

02206718 Genuine Article#: KJ950 No. References: 22

Title: THE WEIGHTED LIST UPDATE PROBLEM AND THE LAZY ADVERSARY

Author(s): DAMORE F; MARCHETTIS PACCAMELA A; NANNI U

Corporate Source: UNIV ROME LA SAPIENZA,DIPARTIMENTO INFORMAT &
SISTEMIST,VIA SALARIA 113/I-00198 ROME//ITALY/; UNIV

LAQUILA,DIPARTIMENTO MATEMAT PURA & APPL/I-67100 LAQUILA//ITALY/

Journal: THEORETICAL COMPUTER SCIENCE, 1993, V108, N2 (FEB 15), P371-384

ISSN: 0304-3975

Language: ENGLISH Document Type: NOTE (Abstract Available)

...Abstract: for this problem, moving elements does not help the adversary. A lazy adversary has the **limitation** that he can use only a static arrangement of the list to process (off-line...)

...MTF strategy, are presented for WLUP: random move-to-front is randomized and uses biased **coins** ; counting move-to-front is **deterministic** , and replaces **coins** by counters. Both are shown to be 2-competitive against a lazy adversary. This is...

...Research Fronts: LINEAR SEARCHES)

91-2407 001 (PETRI NETS; NETWORK SIMPLEX ALGORITHM FOR THE MAXIMUM FLOW

PROBLEM; GRAPH MATCHING)
91-2870 001 (PHYSICAL SYSTEMS; QUALITATIVE QUANTITATIVE PROCESS
KNOWLEDGE; MODEL-BASED REASONING; CAUSAL PROBABILISTIC...

31/3,K/5 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

695320 ORDER NO: AAD80-22508

A COMPARISON OF ALTERNATIVE REGULATIONS DESIGNED TO LIMIT FOREIGN
EXCHANGE MARKET INTERVENTION BY NATIONAL AUTHORITIES DURING A MANAGED FLOAT

Author: SHELURN, MARSHA ROBINSON

Degree: PH.D.

Year: 1980

Corporate Source/Institution: THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL
HILL (0153)

Source: VOLUME 41/04-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 1698. 406 PAGES

A COMPARISON OF ALTERNATIVE REGULATIONS DESIGNED TO LIMIT FOREIGN
EXCHANGE MARKET INTERVENTION BY NATIONAL AUTHORITIES DURING A MANAGED FLOAT

...2) A ceiling to the volume of intervention by national authorities
per period; (3) A limit on the duration of reserve purchases (sales) by
national authorities; (4) A requirement that a...

...formulated quantitatively and imposed in the context of a computer
simulation model, which describes the determination of the exchange rate
between the currencies of two countries under a managed float. The
computer model is based on studies available...

...or undervaluation occurs, and (3) the extent to which unnecessary
exchange rate change occurs. Tables, graphs, and statistics generated
during the simulation runs form the basis for the comparisons.

The analysis...

...its inability to prevent the maintenance of an undervalued (overvalued)
exchange rate, once achieved. A limit on the duration of foreign exchange
market intervention by national authorities appears unacceptable because of
...

31/3,K/6 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
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00631292 I92115697927

Titel japanisch

(Ein Expertensystem, das die Unterscheidungs-Funktionen zur automatischen
Erkennung von Banknoten bestimmt)

(An expert system for determining the discriminative functions for bill
money recognition)

Takeda, F; Omatsu, S; Inoue, T

Dept. of Inf. Sci. & Intelligent Syst., Tokushima Univ., Japan
Transactions of Information Processing Society of Japan, v33, n7, pp980-991
, 1992

Document type: journal article Language: Japanese

Record type: Abstract

(An expert system for **determining** the discriminative functions for bill
money recognition)

ABSTRACT:

...knowledge management files; windows for editing knowledge, selecting parameter candidates, changing qualified points and changing **threshold** values, the total system construction; the system execution procedure and window construction; a window for setting the initial values; inference results; comparison of reliability; and a **histogram** showing the difference between the purpose mode and the anti-mode.

DESCRIPTORS: EXPERT SYSTEMS; SOFTWARE RELIABILITY; USER INTERFACES; WINDOW; **THRESHOLD** VALUE; RELIABILITY; IMAGE RECOGNITION; BANKING; CLASSIFICATION; COMPUTERISED PATTERN RECOGNITION

IDENTIFIERS: BANK DATA PROCESSING; EXPERT SYSTEM; INFERENCE; BANKNOTE RECOGNITION ; KNOWLEDGE EDITING; PARAMETER CANDIDATE SELECTION; BILL **MONEY RECOGNITION** ; DISCRIMINATION FUNCTION; SENSING DATA; DECISION PROCEDURE; KNOWLEDGE MANAGEMENT FILES; QUALIFIED POINTS; SYSTEM CONSTRUCTION; SYSTEM EXECUTION...

31/3,K/7 (Item 1 from file: 483)

DIALOG(R) File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

05856376 SUPPLIER NUMBER: 47757371

HOME FIRES NATIVE ORLEANIAN JERVEY TERVALON WRITES ABOUT LOVE, DEATH AND FAMILY TIES THAT BIND ALL TOO WELL

Larson, Susan

Times - Picayune, p D7

Jan 9, 2000

NEWSPAPER CODE: NO

DOCUMENT TYPE: REVIEW; Newspaper article

LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: transports the reader to New Orleans in 1946, with its byzantine racial mores and its **limited** opportunities for African-Americans. Seventeen-year-old Lita Du Champ is black but can pass...

...with danger and risk. She sees her father, vanishing into his own world, building a **bar** in the back yard to bring in more **money** , and otherwise "tomcatting around"; her mother, **determined** to save her children from her own fate; her sister, Adele, married to a merchant...

31/3,K/8 (Item 2 from file: 483)

DIALOG(R) File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

05521837

Bargains, snow still available

Willoughby, Scott

Denver Post, Sec D, p 8, col 1

Apr 23, 1999

NEWSPAPER CODE: DP

DOCUMENT TYPE: Commentary; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

ABSTRACT: In truth, there are a few remaining areas across the Front Range worth sampling this spring, specifically Loveland, which still offers a snow base of 70 inches...

...men and women performing skiing and snowboarding demonstrations. They compete for \$15,000 in prize **money**. Teams will be **evaluated** on synchronization, ski technique and overall appearance as they demonstrate maneuvers with precision choreo- **graphy**. The three-day competition wraps up at Mid-Vail on Saturday. Skiers and snowboarders will...

31/3,K/9 (Item 3 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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05137298

Should Money Growth Tip the Rate Scale?

Berry, John M

Washington Post, Sec C, p 9, col 3

Jul 29, 1998

ISSN: 0190-8286 NEWSPAPER CODE: WP

DOCUMENT TYPE: Commentary; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

...ABSTRACT: Jordan and (William) Poole are monetarist economists -- that is, they believe that increases in the **money** supply are a major **determinant** of future spending in the economy and, more important, of future inflation. They felt strongly that rates needed to go up to slow money growth, **limit** increases in total spending in the economy and head off an acceleration of inflation. The **charts** at the right show what was worrying Jordan and Poole. They show the two measures...

...the May meeting, the levels of both M2 and M3 were well above the upper **limits** of those ranges. M2, which last week was at a level of \$4.2 trillion...

?

? show files; ds; save temp; logoff hold
File 344:Chinese Patents Abs Aug 1985-2005/May
(c) 2005 European Patent Office
File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200559
(c) 2005 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	62666	MONEY OR MONIES OR COIN? ? OR CURRENC?
S2	1932	S1(7N) (CENTER OR DIAMETER? OR RAD??? OR COORDINAT?)
S3	2164525	(IMAGE?? OR PICTURE?? OR JPEG?? OR PHOTO?? OR GIF?? OR VIDEO OR PHOTOGRAPH??)
S4	1692657	THRESHOLD OR THRES() HOLD OR LIMIT? OR BOUNDAR? OR RANGE OR (REFERENCE?? OR PREDETERMI??? OR PRE()DETERMI??? OR DETERMIN- ???) (3W) (VALUE? OR PARAMETER? OR MEASUR?)
S5	79882	S4(7N) (CALCULAT? OR COMPUT? OR ADD? OR SUM?)
S6	502131	HISTOGRAM? ? OR CHART? ? OR BAR? ? OR GRAPH? ?
S7	2524	S6(7N) DENSIT?
S8	8595	S1(7N) (DETECT? OR IDENTIF? OR RECOGNI? OR DETERMIN? OR EVALUAT? OR ASCERTAIN? OR CONFIRM? OR VERIF?)
S9	21	S1(7N) (BACKGROUND OR BACK()GROUND)
S10	746	AU=(SUGATA, M? OR SUGATA M?)
S11	208094	IC=G06K?
S12	6	S10 AND S11
S13	562	S2 AND S8
S14	24	S13 AND S11
S15	24	S14 NOT S12
S16	919	S4 AND S8
S17	20	S16 AND S6
S18	2	S17 AND S11
S19	1	S18 NOT (S15 OR S12)
S20	76	S16 AND S2
S21	1	S20 AND S11
S22	0	S21 NOT (S19 OR S15 OR S12)
S23	21	S2 AND S3 AND S4
S24	0	S23 AND S11

12/3,K/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

07934022 **Image available**
DATA PROVIDING METHOD, CODE ISSUING DEVICE, ELECTRONIC EQUIPMENT, PROGRAM
AND RECORDING MEDIUM

PUB. NO.: 2004-046781 [JP 2004046781 A]
PUBLISHED: February 12, 2004 (20040212)
INVENTOR(s): NAKAYAMA HIROBUMI
 SUGATA MAKOTO
 KAMIMOTO AKIRA
 NAKAMOTO ASAKO
APPLICANT(s): NTT DOCOMO INC
 PANASONIC MOBILE COMMUNICATIONS CO LTD
APPL. NO.: 2002-348731 [JP 2002348731]
FILED: November 29, 2002 (20021129)
PRIORITY: 2002-140675 [JP 2002140675], JP (Japan), May 15, 2002
(20020515)

INVENTOR(s): NAKAYAMA HIROBUMI
 SUGATA MAKOTO
 KAMIMOTO AKIRA
 NAKAMOTO ASAKO
INTL CLASS: G06F-017/60; G06K-001/12 ; G06K-007/10 ; G06K-019/07 ;
 H04B-007/26; H04M-011/00

12/3,K/2 (Item 2 from file: 347)
DIALOG(R) File 347:JAPIO
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01335129
TRANSPARENT COORDINATES DETECTOR

PUB. NO.: 59-046729 [JP 59046729 A]
PUBLISHED: March 16, 1984 (19840316)
INVENTOR(s): HIRAI SHI MASANORI
 SUGATA MASAYUKI
APPLICANT(s): DAICEL CHEM IND LTD [000290] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 57-157241 [JP 82157241]
FILED: September 09, 1982 (19820909)
INVENTOR(s): HIRAI SHI MASANORI
 SUGATA MASAYUKI
INTL CLASS: H01H-035/00; G06F-003/03; G06K-011/06

12/3,K/3 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014583215 **Image available**
WPI Acc No: 2002-403919/200243
XRPX Acc No: N02-317021

Money identification method involves binarizing surface image of money
based on binary threshold value that is calculated based on determined

density histogram

Patent Assignee: NIPPON CONLUX CO LTD (NICO-N)

Inventor: **SUGATA M**

Number of Countries: 003 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020037096	A1	20020328	US 2001928684	A	20010813	200243 B
JP 2002109596	A	20020412	JP 2000296591	A	20000928	200244
KR 2002025659	A	20020404	KR 200146818	A	20010802	200266
KR 390019	B	20030704	KR 200146818	A	20010802	200406

Priority Applications (No Type Date): JP 2000296591 A 20000928

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20020037096	A1		9	G06K-009/00	
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JP 2002109596	A		7	G07D-005/02	
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KR 2002025659	A			G07D-005/08	
---------------	---	--	--	-------------	--

KR 390019	B			G07D-005/08	Previous Publ. patent KR 2002025659
-----------	---	--	--	-------------	-------------------------------------

Inventor: **SUGATA M**

International Patent Class (Main): **G06K-009/00** ...

International Patent Class (Additional): **G06K-009/38** ...

... **G06K-009/52**

12/3,K/4 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013961192

WPI Acc No: 2001-445406/200148

XRAM Acc No: C01-134916

XRPA Acc No: N01-329283

Paper sheet identification involves irradiating sheet with light of differing wavelengths, detecting transmitted light of each wavelength, forming encoded data and comparing encoded data with standard data

Patent Assignee: NIPPON CONLUX CO LTD (NICO-N)

Inventor: **SUGATA M**

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001101472	A	20010413	JP 99274534	A	19990928	200148 B
KR 2001050656	A	20010615	KR 200056646	A	20000927	200171
US 6529269	B1	20030304	US 2000672260	A	20000928	200320

Priority Applications (No Type Date): JP 99274534 A 19990928

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 2001101472	A		5	G07D-007/12	
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KR 2001050656	A			G07D-007/00	
---------------	---	--	--	-------------	--

US 6529269	B1			G06K-009/74	
------------	----	--	--	-------------	--

Inventor: **SUGATA M**

International Patent Class (Main): **G06K-009/74** ...

... International Patent Class (Additional): **G06K-009/00**

12/3,K/5 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013918651 **Image available**

WPI Acc No: 2001-402864/200143

XRPX Acc No: N01-297369

Bank note identification method involves performing authenticity differentiation by comparing standard data and content of difference between inspected pattern signals

Patent Assignee: NIPPON CONLUX CO LTD (NICO-N); CONLUX JAPAN CO LTD (CONL-N)

Inventor: **SUGATA M**

Number of Countries: 003 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001126107	A	20010511	JP 99309170	A	19991029	200143 B
KR 2001051290	A	20010625	KR 200063504	A	20001027	200172
KR 407460	B	20031128	KR 200063504	A	20001027	200423
US 6798900	B1	20040928	US 2000699070	A	20001027	200464

Priority Applications (No Type Date): JP 99309170 A 19991029

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001126107	A	5		G07D-007/00	
KR 2001051290	A			G07D-007/12	
KR 407460	B			G07D-007/12	Previous Publ. patent KR 2001051290
US 6798900	B1			G06K-009/00	

Inventor: **SUGATA M**

International Patent Class (Main): **G06K-009/00 ...**

12/3,K/6 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

003353130

WPI Acc No: 1982-L1152E/198234

Electronically controlled imaging system - uses electrode array with control transistor for each individual electrode

Patent Assignee: CANON KK (CANO)

Inventor: NAKAGIRI T; OHKUBO Y; OSADA Y; **SUGATA M**

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3202202	A	19820819				198234 B
US 4448867	A	19840515	US 82340459	A	19820118	198422
DE 3202202	C	19910411				199115

Priority Applications (No Type Date): JP 819954 A 19810126

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3202202	A	44			

...Inventor: **SUGATA M**

...International Patent Class (Additional): **G06K-015/14**

?

15/3,K/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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07085056 **Image available**

DEVICE AND METHOD FOR CHARGING MONEY AMOUNT

PUB. NO.: 2001-312704 [JP 2001312704 A]

PUBLISHED: November 09, 2001 (20011109)

INVENTOR(s): RII TON HYON

APPLICANT(s): EYESVISION CORP

APPL. NO.: 2000-127672 [JP 2000127672]

FILED: April 24, 2000 (20000424)

INTL CLASS: G06K-017/00 ; G06F-017/60; G07F-007/08

ABSTRACT

... SOLUTION: This device is composed of a radio signal receiving block 210 for receiving a **radio** signal, judging the **money** amount charge information and judging the presence/absence of a transmitting error, a memory 230 for storing the money amount to be charged, an arithmetic logic 220 for receiving the **money** amount charge information from the **radio** signal receiving block, performs the authentication process of the serial number of that block or...

... signal receiving block at the time of the amount-to-be-charged, remainder or charged **money** amount **confirmation** request signal of that block, and a non- contact block 240 for **detecting** a **money** amount charge signal from a card loader, transforming the signal to a prescribed format and...

15/3,K/2 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

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06920511 **Image available**

PROXY COLLECTION SYSTEM AND METHOD, AND RECORDING MEDIUM WITH PROXY COLLECTION PROGRAM RECORDED THEREON

PUB. NO.: 2001-148049 [JP 2001148049 A]

PUBLISHED: May 29, 2001 (20010529)

INVENTOR(s): MORITA TETSUYUKI

MUTO NOBUO

HORI MASAHIRO

OKUYAMA HIRONOBU

APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)

APPL. NO.: 11-329083 [JP 99329083]

FILED: November 19, 1999 (19991119)

INTL CLASS: G07F-007/12; G06F-017/60; G06F-019/00; G06K-017/00 ;
G06K-019/10 ; G07F-007/08; G07F-007/10

ABSTRACT

...between a plurality of service providing devices existing at many places and a settlement acting center .

SOLUTION: A proxy collection device 1 manages **currency** value information while making the **currency** vale information correspond to the **identification** information(ID) of an IC card, and the card 3 holds only

the ID proper...

15/3,K/3 (Item 3 from file: 347)
DIALOG(R) File 347:JAPIO
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05851026 **Image available**
ELECTRONIC MONEY SYSTEM

PUB. NO.: 10-134126 [JP 10134126 A]
PUBLISHED: May 22, 1998 (19980522)
INVENTOR(s): FURUHASHI NOBUO
HETA SATOSHI
SHIBATA ATSUSHI
SHINKAI ICHIRO
KITADA TOYOHIRO
APPLICANT(s): N T T DATA TSUSHIN KK [000000] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 08-291531 [JP 96291531]
FILED: November 01, 1996 (19961101)

INTL CLASS: G06F-019/00; G06K-017/00 ; G07D-009/00; G07D-009/00;
G07F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To prevent **money** data from being forged and to
easily **detect** an illegal transaction by transferring transaction **money**
instructed with a transfer instruction message from a center from a
specific account to the...

... the bank has, and perform money reception and payment between those
accounts. Namely, the bank **center** 17 once receiving a **money** payment
message from an electronic money server 13 decides the account number
corresponding to the...

15/3,K/4 (Item 4 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05822527 **Image available**
METHOD FOR PROTECTING ELECTRONIC CURRENCY TRANSACTION MACHINE FROM BEING
LOST OR STOLEN AND ELECTRONIC CURRENCY TRANSACTION MACHINE

PUB. NO.: 10-105627 [JP 10105627 A]
PUBLISHED: April 24, 1998 (19980424)
INVENTOR(s): SAMEJIMA YOSHIKI
KAWASAKI ATSUSHI
YAMADA HIDEO
TAKIMOTO YUICHI
APPLICANT(s): HITACHI SOFTWARE ENG CO LTD [472485] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 08-260009 [JP 96260009]
FILED: September 30, 1996 (19960930)

INTL CLASS: G06F-019/00; G06K-017/00 ; G07D-009/00; G09C-001/00;
H04Q-007/38; H04L-009/32

ABSTRACT

...the owner of an electronic currency transaction machine carry equipment, which mutually exchanges an existence **confirm** signal with a paired electronic **currency** transaction machine through fine **radio** waves and issues an caution in the state of stopping receiving the existence **confirm** signak from the electronic **currency** transaction machine, with him...

15/3,K/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05597765 **Image available**

RADIO PORTABLE TERMINAL SYSTEM

PUB. NO.: 09-212565 [JP 9212565 A]
PUBLISHED: August 15, 1997 (19970815)
INVENTOR(s): WATANABE MITSUHIRO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-020337 [JP 9620337]
FILED: February 07, 1996 (19960207)

INTL CLASS: G06F-019/00; G06K-017/00 ; G07D-009/00; G07D-009/00;
G07D-009/00; G07D-009/00

ABSTRACT

... and minimize the possibility that information is stolen by making a radio connection with the **center** terminal of a financial institution, and exchanging **money** information and **confirming** a password code...

...SOLUTION: A customer inserts an IC card 2 into the **radio** portable terminal 1 first and inputs necessary **money** with input keys on the **radio** portable terminal 1. Then this information is inputted to the financial institution 4 through a repeater station 3 and the **center** terminal 5. Then necessary **money** is withdrawn from the account of the customer of the financial institution 4 and then...

15/3,K/6 (Item 6 from file: 347)

DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05440218 **Image available**

SECURITY SYSTEM FOR MAGNETIC CARD

PUB. NO.: 09-055018 [JP 9055018 A]
PUBLISHED: February 25, 1997 (19970225)
INVENTOR(s): MANABE MITSUAKI
INOUE YORITOSHI
ISAKA ISAO
APPLICANT(s): J C I SERVICE KK [000000] (A Japanese Company or Corporation)
, JP (Japan)
INOUE YORITOSHI [000000] (An Individual), JP (Japan)
ISAKA ISAO [000000] (An Individual), JP (Japan)
APPL. NO.: 07-227295 [JP 95227295]
FILED: August 11, 1995 (19950811)

INTL CLASS: G11B-019/04; B42D-015/10; G06K-017/00 ; G06K-019/00 ;
G06K-019/06 ; G07F-007/08; G11B-020/10; G11B-023/30

ABSTRACT

... card, are made by updating and recording the difference between the balance recorded in a **center** machine and the amount of **money** entered at a terminal machine for the **center** machine and the card...

... card issuing machine 12 issues a prepaid magnetic card, on which data such as an **identification** number and the amount of **money** are recorded. At the same time, the data are transmitted to and recorded in a...

15/3,K/7 (Item 7 from file: 347)

DIALOG(R) File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05165485 **Image available**
ELECTRONIC LOCKER SYSTEM

PUB. NO.: 08-120985 [JP 8120985 A]
PUBLISHED: May 14, 1996 (19960514)
INVENTOR(s): MATSUMOTO KENJI
ITO SHIGEYUKI
NAKANO MISUZU
KANEHIRA AKIRA
HIROYA MASAAKI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 06-253753 [JP 94253753]
FILED: October 19, 1994 (19941019)

INTL CLASS: E05B-049/00; G06F-017/60; G06F-019/00; G06K-017/00 ;
G06K-019/10 ; G07D-009/00; G07F-017/12

ABSTRACT

PURPOSE: To promote a cashless system by storing those of electronic **money** information, **identification** card numbers or the like in an integrated circuit card, inserting this IC card into...

...CONSTITUTION: A card read-write part 5, a **money** information memory part 10 and an **identification** number memory part 11 are installed in a locker 1 requiring the payment of money...

... paid money is subtracted from the IC card, and subsequently information on the amount of **money** is transmitted to a home delivery **center** and a bank or the like from a line control part 8 and thus it...

15/3,K/8 (Item 8 from file: 347)

DIALOG(R) File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

04693448 **Image available**
PAPER MONEY DISCRIMINATING DEVICE

PUB. NO.: 07-014048 [JP 7014048 A]
PUBLISHED: January 17, 1995 (19950117)

INVENTOR(s): TAKAI TOMONORI
KANBAYASHI MAMORU
NEMOTO YUKIHIRO
APPLICANT(s): OKI JOHO SYST KK [490673] (A Japanese Company or Corporation), JP (Japan)
OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 05-158763 [JP 93158763]
FILED: June 29, 1993 (19930629)

INTL CLASS: G07D-007/00; B65H-007/12; G06K-013/24

ABSTRACT

...CONSTITUTION: A thickness **detecting** part 21 of a paper **money** discriminating device 20 consists of three thickness **detecting** rolls 22, 23, and 24 facing the **center** part and both side parts of paper **money** respectively, turnable brackets 25, 26, and 27 which rotatably support the thickness detecting rolls 22...

... the extents of turning of brackets 31a, 31b, and 31c. It is discriminated whether paper **money** 8 is sound or not by **detection** results of thickness detecting sensors 31a, 31b, and 31c and the detection result of a...

1 15/3, K/9 (Item 9 from file: 347)

DIALOG(R) File 347:JAPIO

(c) 2005 JPO & JAPIO. All rts. reserv.

04089800 **Image available**

TICKET VENDING MACHINE

PUB. NO.: 05-081500 [JP 5081500 A]
PUBLISHED: April 02, 1993 (19930402)
INVENTOR(s): SUZUKI KAZUFUMI
APPLICANT(s): TOKYO ELECTRIC CO LTD [000356] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 03-241166 [JP 91241166]
FILED: September 20, 1991 (19910920)
JOURNAL: Section: P, Section No. 1586, Vol. 17, No. 422, Pg. 78, August 05, 1993 (19930805)

INTL CLASS: G07B-001/00; G06K-017/00 ; G06K-019/07 ; G07B-015/00; G07F-007/08

ABSTRACT

... which forms a utilization ticket by outputting write information corresponding to the paid mount of **money** by **radio** .

...
...CONSTITUTION: When a person who carries a **radio** card 40 feeds the specific amount of **money** into a cash feed slot 31, a cash processing part 30 performs specific processing such as fed **money** amount **confirmation** . Then a CPU 11 **confirms** the fed amount of **money** and performs **money** amount registration processing on a RAM 13. Then a transmitting circuit 14 is driven to

15/3,K/10 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

017259034 **Image available**
WPI Acc No: 2005-582657/200559
XRPX Acc No: N05-478126

Semiconductor device e.g. wireless tag has logic and memory portions having multiple transistors each comprising pair of gate electrodes to which input signal and Vth control signals are input, respectively
Patent Assignee: SEMICONDUCTOR ENERGY LAB (SEME)
Inventor: KOYAMA J

Number of Countries: 108 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200574030	A1	20050811	WO 2005JP1542	A	20050127	200559 B
JP 2005244212	A	20050908	JP 200521919	A	20050128	200559

Priority Applications (No Type Date): JP 200424248 A 20040130

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200574030	A1	E	34	H01L-027/04	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ
CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR
GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD SE SI
SK SL SZ TR TZ UG ZM ZW

JP 2005244212 A 21 H01L-021/822

Abstract (Basic):

... E.g. wireless tag and **radio frequency identification (RFID)** tag attached to bill, **coin**, securities, certificate, bearer bonds, stock certificate, promissory note, license, resident card, stamp, gift coupon, wrapping...

International Patent Class (Additional): G06K-019/07 ...

15/3,K/11 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

017248453 **Image available**
WPI Acc No: 2005-572076/200559
XRPX Acc No: N05-469205

Paper currency anti-robbing burglar proof system

Patent Assignee: ZHAO R (ZHAO-I)

Inventor: LUAN J; ZHAO R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1607534	A	20050420	CN 20031104826	A	20031013	200559 B

Priority Applications (No Type Date): CN 20031104826 A 20031013

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1607534	A			G06F-019/00	

Abstract (Basic):

... relates to anti-robbed, anti-stolen system. A picture collection device collects image of the **money** to be identified as digital signals by a **money** code- **identifying** unit and store the digits in a **money** code management **center**. After the **money** is stolen, number of stolen **money** is picked up from the **center** according to the packet number of each bundle to be written in a read-in storage device, the digital signals output by the **identifying** unit are compared with the **money** numbers in the read-in storage device in a digit comparing unit one by one...

International Patent Class (Additional): **G06K-007/10** ...

15/3,K/12 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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017065696 **Image available**

WPI Acc No: 2005-390033/200540

XRXPX Acc No: N05-316422

Electronic money payment method in shop, involves performing payment of amount corresponding to identification data matching with identification data in card data of electronic money card screened by card screening apparatus

Patent Assignee: NIPPON CONLUX CO LTD (NICO-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2005135297	A	20050526	JP 2003372801	A	20031031	200540 B

Priority Applications (No Type Date): JP 2003372801 A 20031031

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2005135297	A	17		G06F-017/60	

... payment method in shop, involves performing payment of amount corresponding to identification data matching with identification data in card data of electronic money card screened by card screening apparatus

Abstract (Basic):

... A payment requirement command containing payment amount data and **identification** data showing type of electronic **money** card (20) in which respective payment is possible, is sent to electronic **money** processor (40...).

... **electronic money center** apparatus (50...).

International Patent Class (Additional): **G06K-017/00** ...

15/3,K/13 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

016576809 **Image available**

WPI Acc No: 2004-735546/200472

XRXPX Acc No: N04-581931

Radio **frequency** identification tag for authenticating currency ,

passport, visa, has integrated circuit embedded within flexible substrate, such that top surface of IC is coplanar with flexible substrate

Patent Assignee: DRZAIC P S (DRZA-I); GENGEL G W (GENG-I); HADLEY M A (HADL-I); POUNDS T (POUN-I); SCHATZ K D (SCHA-I); ALIEN TECHNOLOGY CORP (ALIE-N)

Inventor: DRZAIC P S; GENGEL G W; HADLEY M A; POUNDS T; SCHATZ K D

Number of Countries: 108 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040188531	A1	20040930	US 2003457263	P	20030324	200472 B
			US 2004807775	A	20040323	
WO 200486289	A2	20041007	WO 2004US9070	A	20040324	200472

Priority Applications (No Type Date): US 2003457263 P 20030324; US 2004807775 A 20040323

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040188531	A1	23		G06K-019/06	Provisional application US 2003457263

WO 200486289 A2 E G06K-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Radio frequency identification tag for authenticating currency, passport, visa, has integrated circuit embedded within flexible substrate, such that top surface of IC...

Abstract (Basic):

... For remote identification of objects through use of radio waves, especially for authenticating/ **identifying** paper-based products including **currency**, legal documents e.g. passport/visa and other valuable items, also for identification of other...

International Patent Class (Main): G06K-000/00 ...

... G06K-019/06

15/3,K/14 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015857948 **Image available**
WPI Acc No: 2004-015778/200402
XRPX Acc No: N04-011830

Coin shaped non-contact type radio frequency identifier tag used in identification of goods, has high specific gravity resin containing tungsten powder as sealing

Patent Assignee: TOKIN CORP (TOHM)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003331243	A	20031121	JP 2002135207	A	20020510	200402 B

Priority Applications (No Type Date): JP 2002135207 A 20020510

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2003331243 A 4 G06K-019/077

Coin shaped non-contact type radio frequency identifier tag used in identification of goods, has high specific gravity resin containing tungsten powder as...

International Patent Class (Main): G06K-019/077

...International Patent Class (Additional): G06K-019/04 ...

... G06K-019/07

15/3,K/15 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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015733721 **Image available**

WPI Acc No: 2003-795921/200375

XRPX Acc No: N03-638273

Money information processor using IC card, records money information on integrated circuit card on card, only when money recognition unit recognizes thrown in money

Patent Assignee: KIM J T (KIMJ-I); YI N H (YINH-I); LEE N H (LEEN-I)

Inventor: KIM J T; LEE N H

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003296803	A	20031017	JP 2002102157	A	20020404	200375 B
KR 2003077890	A	20031004	KR 200216861	A	20020327	200410

Priority Applications (No Type Date): KR 200216861 A 20020327

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2003296803 A 15 G07F-007/08

KR 2003077890 A G06K-017/00

... processor using IC card, records money information on integrated circuit card on card, only when money recognition unit recognizes thrown in money

Abstract (Basic):

... records the money information on the IC card picked out from a card container, when money recognition unit recognizes that the money is thrown in. An interface unit transmits signal based on the money information currently recorded...

... Reduces burden of game center chief, since money processing is automated using the money information processor...

International Patent Class (Main): G06K-017/00 ...

...International Patent Class (Additional): G06K-019/00

15/3,K/16 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015608569 **Image available**

WPI Acc No: 2003-670726/200363

Related WPI Acc No: 1991-252843; 1993-386780; 1995-328410; 1996-209484; 1997-012260; 1997-425229; 1998-009127; 1998-032862; 1998-322947; 1998-446620; 1998-447446; 1998-531529; 1998-568951; 1998-610605; 1999-370185; 1999-562239; 1999-610646; 2001-396378; 2001-502194; 2002-147066; 2002-380894; 2003-330686; 2003-646390; 2003-670727; 2003-875618; 2005-475353; 2005-552912

XRPX Acc No: N03-535556

Currency **bill stack** evaluating **method, involves transporting bills to output receptacle, halting transportation when bills meet or fail to meet non-piece count related criterion and terming bill as flagged bill**

Patent Assignee: GRAVES B T (GRAV-I); JONES W J (JONE-I); MAZUR R A (MAZU-I); MENNIE D U (MENN-I); MUNRO M C (MUNR-I); STROMME L R (STRO-I); CUMMINS ALLISON CORP (CUMM-N)

Inventor: GRAVES B T; JONES W J; MAZUR R A; MENNIE D U; MUNRO M C; STROMME L R

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030121752	A1	20030703	US 92885648	A	19920519	200363 B
			US 93127334	A	19930927	
			US 94339337	A	19941114	
			US 9611688	P	19960215	
			US 9618563	P	19960529	
			US 9734954	P	19970116	
			US 97800053	A	19970214	
			US 9738340	P	19970227	
			US 97841203	A	19970429	
			US 97864423	A	19970528	
			US 98126580	A	19980730	
			US 99453200	A	19991202	
			US 2000542487	A	20000403	
			US 2002242237	A	20020912	
US 6866134	B2	20050315	US 92885648	A	19920519	200520
			US 93127334	A	19930927	
			US 94339337	A	19941114	
			US 95573392	A	19951215	
			US 9611688	P	19960215	
			US 9618563	P	19960529	
			US 9734954	P	19970116	
			US 97800053	A	19970214	
			US 9738340	P	19970227	
			US 97841203	A	19970429	
			US 97864423	A	19970528	
			US 98126580	A	19980730	
			US 99453200	A	19991202	
			US 2000542487	A	20000403	
			US 2002242237	A	20020912	

Priority Applications (No Type Date): US 2002242237 A 20020912; US 92885648 A 19920519; US 93127334 A 19930927; US 94339337 A 19941114; US 9611688 P 19960215; US 9618563 P 19960529; US 9734954 P 19970116; US 97800053 A 19970214; US 9738340 P 19970227; US 97841203 A 19970429; US 97864423 A 19970528; US 98126580 A 19980730; US 99453200 A 19991202; US 2000542487 A 20000403; US 95573392 A 19951215

Patent Details:

Patent No	Kind	Lat Pg	Main IPC	Filing Notes
US 20030121752	A1	79	G06K-007/00	Cont of application US 92885648
				Cont of application US 93127334

US 6866134 B2 G07F-007/04

Cont of application US 94339337
Provisional application US 9611688
Provisional application US 9618563
Provisional application US 9734954
Cont of application US 97800053
Provisional application US 9738340
Cont of application US 97841203
Cont of application US 97864423
Cont of application US 98126580
CIP of application US 99453200
CIP of application US 2000542487
Cont of patent US 5295196
Cont of patent US 5467405
Cont of patent US 5692067
Cont of patent US 5992601
Cont of patent US 6028951
Cont of patent US 6311819
Cont of patent US 6351551
CIP of patent US 6459806
Cont of application US 92885648
Cont of application US 93127334
Cont of application US 94339337
Cont of application US 95573392
Provisional application US 9611688
Provisional application US 9618563
Provisional application US 9734954
CIP of application US 97800053
Provisional application US 9738340
Cont of application US 97841203
Cont of application US 97864423
Cont of application US 98126580
CIP of application US 99453200
CIP of application US 2000542487
Cont of patent US 5295196
Cont of patent US 5467405
Cont of patent US 5692067
Cont of patent US 5790697
CIP of patent US 5992601
Cont of patent US 6028951
Cont of patent US 6311819
Cont of patent US 6351551
CIP of patent US 6459806

Currency bill stack evaluating **method, involves transporting bills to output receptacle, halting transportation when bills meet or fail to...**

Abstract (Basic):

... The method involves transporting bills to an output receptacle of a **currency evaluation** device. A **detector** placed between the receptacles determines the denomination of the bills. The bills are determined on...

... An INDEPENDENT CLAIM is also included for a **currency evaluation** device for receiving a stack of **currency** bills...

...Used for **evaluating** a stack of **currency** bills in a **currency** handling system...

...The drawing shows a sectional view taken through the **center** of a **currency** discriminating machine...

International Patent Class (Main): G06K-007/00 ...

International Patent Class (Additional): G06K-009/00 ...

15/3,K/17 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015157270 **Image available**
WPI Acc No: 2003-217797/200321

Method for charging client card using electronic wallet

Patent Assignee: KDE CO LTD (KDEK-N); KDE INC (KDEK-N)

Inventor: HYUN U H

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002083317	A	20021102	KR 200122824	A	20010427	200321 B
CN 1383100	A	20021204	CN 2001124237	A	20010817	200322

Priority Applications (No Type Date): KR 200122824 A 20010427

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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KR 2002083317	A	1		G06F-017/60	
---------------	---	---	--	-------------	--

CN 1383100	A			G06K-017/00	
------------	---	--	--	-------------	--

Abstract (Basic):

... money in a client card using an operator electronic wallet for storing an amount of money transferred through a calculating center connected to a bank computing network, it is authenticated whether the operator electronic wallet is...

...identification code set in a registration process from the operator(S105). If the operator is confirmed, a wanted charging amount of money is charged in the client card from the operator electronic wallet(S109, S113...).

...International Patent Class (Main): G06K-017/00

International Patent Class (Additional): G06K-019/073

15/3,K/18 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014441900 **Image available**
WPI Acc No: 2002-262603/200231
XRXPX Acc No: N02-204131

Substitute receipt and payment system used in electronic transaction system, performs real transactions when authenticating user and virtual transactions when confirming and completing transaction

Patent Assignee: FUKUCHIYAMA OTANI SANGYO KK (FUKU-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001331754	A	20011130	JP 2000152288	A	20000524	200231 B

Priority Applications (No Type Date): JP 2000152288 A 20000524

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001331754	A	5		G06F-017/60	

Abstract (Basic):

... log when a user performs transaction in a shop. After the transaction, a third-party **money card center confirms** the transaction from the user and transfers goods from the **money card center** to the shop account within delivery period after satisfactory completion through virtual transaction.

...International Patent Class (Additional): **G06K-019/00**

15/3,K/19 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014322124 **Image available**

WPI Acc No: 2002-142826/200219

XRPX Acc No: N02-108146

Electronic coin for use in automatic vending machine, has non-contact type tag resin-sealed to holding section installed to coin-shaped metal substrate

Patent Assignee: TOPPAN PRINTING CO LTD (TOPP)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001148047	A	20010529	JP 99331962	A	19991122	200219 B

Priority Applications (No Type Date): JP 99331962 A 19991122

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001148047	A	5		G07F-001/00	

Abstract (Basic):

... induced current, is resin-sealed to a holding section (2) which is installed at the **center of coin** -shaped metal substrate (1).

... By attracting non-contact type tags to holding section, **coin** authenticity **identification** and sensitivity are enhanced...

International Patent Class (Additional): **G06K-019/00** ...

... **G06K-019/077**

15/3,K/20 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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014216665 **Image available**

WPI Acc No: 2002-037363/200205

XRPX Acc No: N02-028865

Card system for use in shopping center, has server to store money data from card of every identified customer and stored information is output to customer terminal

Patent Assignee: ELEX KK (ELEX-N); NOMURA K (NOMU-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001243303	A	20010907	JP 200056566	A	20000302	200205 B

Priority Applications (No Type Date): JP 200056566 A 20000302

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2001243303 A 9 G06F-017/60

Card system for use in shopping center, has server to store money data from card of every identified customer and stored information is output to customer terminal
...International Patent Class (Additional): G06K-017/00 ...
... G06K-019/00 ...
... G06K-019/10

15/3,K/21 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013973251 **Image available**
WPI Acc No: 2001-457464/200149
XRPX Acc No: N01-339035

Coin has metal surfaces with symbols in relief indicating value, etc. and fields with microstructured surface forming diffraction grating which acts as machine-readable identifier

Patent Assignee: OVD KINEGRAM AG (OVDK-N); HASLER A (HASL-I); JUTZ J (JUTZ-I); MULLER M (MULL-I); STAUB R (STAU-I); TOMPKIN W R (TOMP-I)

Inventor: HASLER A; JUETZ J; MUELLER M; STAUB R; TOMPKIN W R; JUTZ J; MULLER M

Number of Countries: 095 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200152685	A2	20010726	WO 2001EP517	A	20010118	200149 B
DE 10002644	A1	20010816	DE 10002644	A	20000121	200154
AU 200126781	A	20010731	AU 200126781	A	20010118	200171
EP 1237435	A2	20020911	EP 2001901160	A	20010118	200267
			WO 2001EP517	A	20010118	
US 20020154290	A1	20021024	WO 2001EP517	A	20010118	200273
			US 2002936935	A	20020131	
US 6871788	B2	20050329	WO 2001EP517	A	20010118	200522
			US 2002936935	A	20020131	

Priority Applications (No Type Date): DE 10002644 A 20000121

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
WO 200152685 A2 G 38 A44C-021/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

DE 10002644 A1 G07D-005/00

AU 200126781 A A44C-021/00 Based on patent WO 200152685

EP 1237435 A2 G A44C-021/00 Based on patent WO 200152685

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

US 20020154290 A1 G06K-009/74

US 6871788 B2 G06K-019/00 Based on patent WO 200152685

Abstract (Basic):

... It also has fields with a microstructured surface (8) organised in a ring around the **center** of the **coin** . These form a diffraction grating with a symmetrical or asymmetrical surface which acts as a...

... INDEPENDENT CLAIMS are included for: (a) a **coin** tester which **detects** the machine-readable **identifier** ; (b) a method for forming the microstructured surface by working the surface with a laser...

...International Patent Class (Main): **G06K-009/74** ...

... **G06K-019/00**

15/3,K/22 (Item 13 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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011935668 **Image available**
WPI Acc No: 1998-352578/199831
XRXPX Acc No: N98-275704

Electronic money system - provides change of money transactions into account specified by change indication telegraphic message by bank computer and sends a completion message to center
Patent Assignee: NTT DATA TSUSHIN KK (NITE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10134126	A	19980522	JP 96291531	A	19961101	199831 B

Priority Applications (No Type Date): JP 96291531 A 19961101

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10134126	A	31		G06F-019/00	

...Abstract (Basic): money card (19) which stores information of money value. A terminal (15) processes the electronic **money** card. The **center** (10) controls the terminal via a communication circuit. An added type memory (21) stores the...

...A liquidation request transmitting unit transmits a liquidation request to the **center** based on the indication of **money** transactions. A liquidation completion telegraphic message is sent in response by the center to the...

...ADVANTAGE - Prevents counterfeit of **money** data effectively. Enables detection of inaccurate transactions easily...

International Patent Class (Additional): **G06K-017/00** ...

15/3,K/23 (Item 14 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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011554153 **Image available**
WPI Acc No: 1997-530634/199749
XRXPX Acc No: N97-442032

IC card for e.g. pachinko machine in game center - has privilege providing controller which regulates providing of privilege to player when amount of money used in predetermined time is determined to be below predetermined value

Patent Assignee: SOFIA KK (SOFI-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9253308	A	19970930	JP 9687123	A	19960318	199749 B

Priority Applications (No Type Date): JP 9687123 A 19960318

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9253308	A	30		A63F-007/02	

... has privilege providing controller which regulates providing of privilege to player when amount of money used in predetermined time is determined to be below predetermined value

...Abstract (Basic): The IC card has an amount-used memory which stores the amount of money used in a game center. A frequency-of-use decision circuit determines whether the amount of money used in predetermined period is over predetermined value, based on the stored amount of money...

...A privilege providing unit provides privilege to a player when the amount of money used in predetermined period is determined to be over the predetermined value. A privilege providing controller regulates the providing of privilege to the player when the amount of money used in predetermined time is determined to be below predetermined value...

International Patent Class (Additional): G06K-017/00 ...

15/3,K/24 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010581403 **Image available**

WPI Acc No: 1996-078356/199609

XRPX Acc No: N96-065211

Coin validation system for different coin denominations - has artificial neural network classifier circuit with connections to pre-processor and comparator circuit

Patent Assignee: COIN ACCEPTORS INC (COIN-N)

Inventor: LEIBU M H; WANG C

Number of Countries: 023 Number of Patents: 013

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 692773	A2	19960117	EP 95110930	A	19950712	199609 B
US 5485908	A	19960123	US 94273931	A	19940712	199610
AU 9525033	A	19960125	AU 9525033	A	19950714	199611
CA 2153637	A	19960113	CA 2153637	A	19950711	199618
BR 9503439	A	19970930	BR 953439	A	19950725	199748 N
MX 184855	B	19970529	MX 953042	A	19950712	199823
AU 696711	B	19980917	AU 9525033	A	19950714	199849
CA 2153637	C	19991130	CA 2153637	A	19950711	200016
CN 1142642	A	19970212	CN 95115208	A	19950807	200050 N
EP 692773	B1	20031008	EP 95110930	A	19950712	200370
DE 69531883	E	20031113	DE 95631883	A	19950712	200382
			EP 95110930	A	19950712	
ES 2208662	T3	20040616	EP 95110930	A	19950712	200442
CN 1072374	C	20011003	CN 95115208	A	19950807	200509 N

Priority Applications (No Type Date): US 94273931 A 19940712; BR 953439 A 19950725; CN 95115208 A 19950807

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 692773 A2 E 14 G07F-003/02

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

US 5485908 A 13 G07D-005/08

AU 9525033 A G07D-005/00

CA 2153637 A G07D-005/08

BR 9503439 A G07F-003/02

MX 184855 B G07D-005/008

AU 696711 B G07D-005/00 Previous Publ. patent AU 9525033

CA 2153637 C E G07D-005/08

CN 1142642 A G07D-005/08

EP 692773 B1 E G07D-005/00

Designated States (Regional): DE ES FR GB IT

DE 69531883 E G07D-005/00 Based on patent EP 692773

ES 2208662 T3 G07D-005/00 Based on patent EP 692773

CN 1072374 C G07D-005/08

...Abstract (Basic): The multi-dimensional representation is compared with the centre of an established cluster of selected **coin** denominations to **determine** the extent of the comparison therebetween...

...When the comparison is of a certain nature, the **coin** is **determined** to be acceptable and when the comparison is of a different nature, the **coin** is...

...second connection through another switch device to the comparator circuit. The artificial neural network classifier **identifies** the denomination of **coins** that are **determined** by the comparator circuit to be acceptable...

...ADVANTAGE - Used to **recognise**, **identify** and validate or invalidate **coins** of more than one denomination...

...Abstract (Equivalent): A **coin** validation system for **determining** if a **coin** moving along a **coin** rail is a valid **coin**, and if so, its denomination comprising a rail along which...

...the extracted features including a comparator circuit for comparing the multi dimensional representation with the **center** of an established cluster of selected **coin** denominations to **determine** the extent of the comparison therebetween such that when the comparison is of a certain nature the **coin** is **determined** to be acceptable and when the comparison is of a different nature the **coin** is...

...means to the comparator circuit, the artificial neural network classifier means having an output which **identifies** the denomination of **coins** that are **determined** by the comparator circuit to be acceptable...

International Patent Class (Additional): G06K-009/66 ...

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19/3,K/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015453424 **Image available**

WPI Acc No: 2003-515566/200349

XRPX Acc No: N03-409094

Currency article classification method for coins and bank notes, involves selecting measurements of articles and processing them with acceptance data corresponding to target classes

Patent Assignee: MARS INC (MRSC); KING K L (KING-I)

Inventor: CLIBBON K L; KING K L

Number of Countries: 027 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1324282	A1	20030702	EP 2001310950	A	20011228	200349 B
US 20030150687	A1	20030814	US 2002326637	A	20021220	200355
US 6886680	B2	20050503	US 2002326637	A	20021220	200530

Priority Applications (No Type Date): EP 2001310950 A 20011228

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 1324282	A1	E	18	G07D-007/12
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

US 20030150687	A1	G06K-007/00
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US 6886680	B2	G07D-007/00
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Abstract (Basic):

... Target class of the **currency** article is **determined** using the derived **measurements** of the article and acceptance data for the corresponding class. Several measurements of the article...

... The figure shows flow **chart** explaining authenticity checking operation of currency validator...

International Patent Class (Main): G06K-007/00 ...

International Patent Class (Additional): G06K-009/00 ...

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